

621.32

XRAY FIXTURES *for* **INDIRECT LIGHTING**



NATIONAL XRAY REFLECTOR
NEW YORK - CHICAGO - SAN FRANCISCO
CATALOG F

PRICES
IN CATALOG
"F"
MUST BE
ADVANCED
30%

CEILING COLOR PAGE

The light cream color of this page is the best color to use on the ceiling of rooms lighted with X-Ray indirect lighting. This color insures highly efficient results; it is a pleasing tone by day as well as by night.

The walls may be finished in any medium tone as desired. Be sure that ceiling is in a matte finish.

NATIONAL X-RAY
REFLECTOR COMPANY

CHICAGO, ILLINOIS

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CCA

X-RAY LIGHTING SYSTEM CATALOG F

Divided Into Six Sections

LUMINOUS FIXTURES
METAL FIXTURES
COMPONE FIXTURES
CURTIS LAMPS
PEDESTAL LIGHTING
BANK DESK LIGHTING



NATIONAL X-RAY REFLECTOR CO.



Trade Mark registered
U. S. Patent Office

PATENTS

The products shown in this catalog are covered by U. S. Letters Patent shown below. Infringers will be prosecuted. Other patents pending. Foreign Patents granted and pending.

June 4, 1912	Mar. 18, 1913	Mar. 23, 1915	Jan. 16, 1917
June 4, 1912	April 15, 1913	Oct. 26, 1915	Feb. 6, 1917
June 4, 1912	April 22, 1913	Dec. 21, 1915	Aug. 21, 1917
June 4, 1912	Jan. 20, 1914	Dec. 21, 1915	Feb. 25, 1919
June 4, 1912	June 23, 1914	Feb. 29, 1916	Feb. 25, 1919
Aug. 6, 1912	Dec. 15, 1914	July 11, 1916	April 29, 1919
Aug. 6, 1912	Mar. 2, 1915	Sept. 5, 1916	

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NATIONAL X-RAY REFLECTOR COMPANY
NEW YORK CHICAGO SAN FRANCISCO

Before Ordering—Read This

Lighting requirements are radically different for various classes of work and conditions. We can guarantee results only when fixtures are ordered and installed according to instructions given by our engineering department. The services of this department are at your disposal for the asking, without expense to you. Do not simply send in orders for certain fixtures without other information as to the installation and trust to luck for success. Please be sure you are right before going ahead, as it will be more satisfactory to you and to us.

1. Always give size and height of room and color of ceiling and side walls for each interior in question.

2. Give catalog number of fixture.

3. State finish desired (see page 28), otherwise metal fixtures will be furnished in standard finish specified under each fixture.

The finish on compone fixtures must always be specified. (See page 44.)

4. Fixtures are always furnished with keyless sockets unless otherwise specified. Pull or key sockets can in many cases be furnished when desired at slight extra cost.

5. Insulating joints for $\frac{3}{8}$ -inch gas pipe are always supplied unless otherwise specified.

6. Dimensions given on catalog pages are extreme outside measurements.

7. Prices include fixtures complete (except lamps) in standard finishes.

Prices

The prices listed in this catalog are F. O. B. Chicago and supersede all previous quotations, subject to change without notice.

Claims

All goods are inspected and packed by experienced packers and no claim for breakage in transit will be allowed. Goods are delivered to the transportation company in good condition. Any claim for breakage must be made to the transportation company.

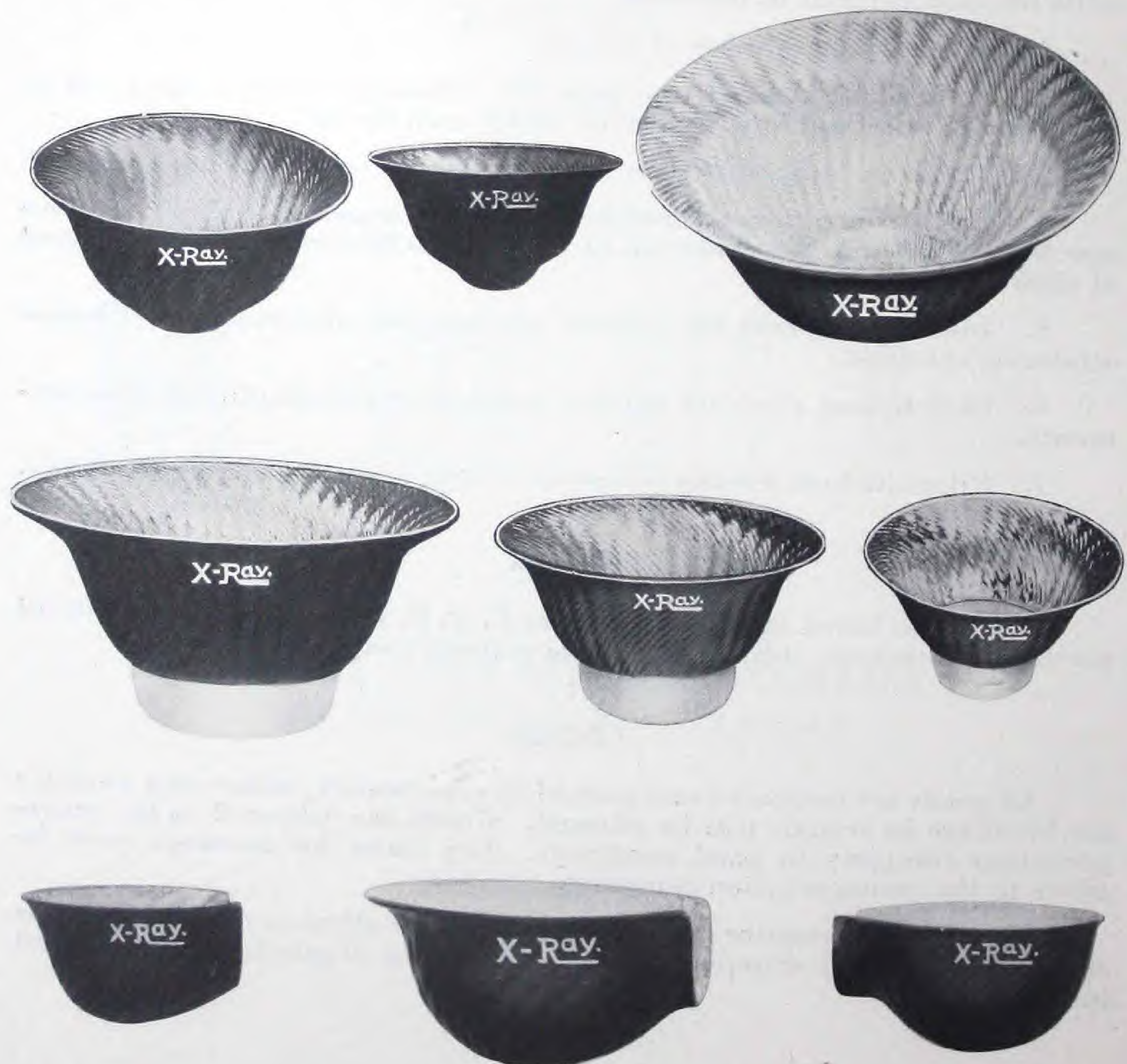
We will not recognize any charge nor will we allow any credit for goods returned if original shipment is made according to purchaser's order and instructions.

X-Ray Reflectors for Mazda "C" Lamps

The New "E. C. Series" for indirect lighting

THE new Mazda "C" gas-filled lamps (nitrogen lamps) have made possible more and better lighting for less cost. They have put X-Ray Lighting within reach of everyone. However, the introduction of these lamps presents new problems to be solved by the lighting engineer and designer. Their increased efficiency is accompanied by

much higher temperatures; the intrinsic brilliancy of the lamps is many times that of the old style lamps; and the construction and method of mounting the lamp filament is such that we have almost a point source of light. All of these things combined required the design and development of new reflectors.



The new E. C. series of Eye Comfort reflectors is designed especially for these lamps. The contours of the reflectors are such as to broadly distribute the light over the ceiling in a uniform and agreeable manner, and at the same time secure greatest efficiency of light utilization.

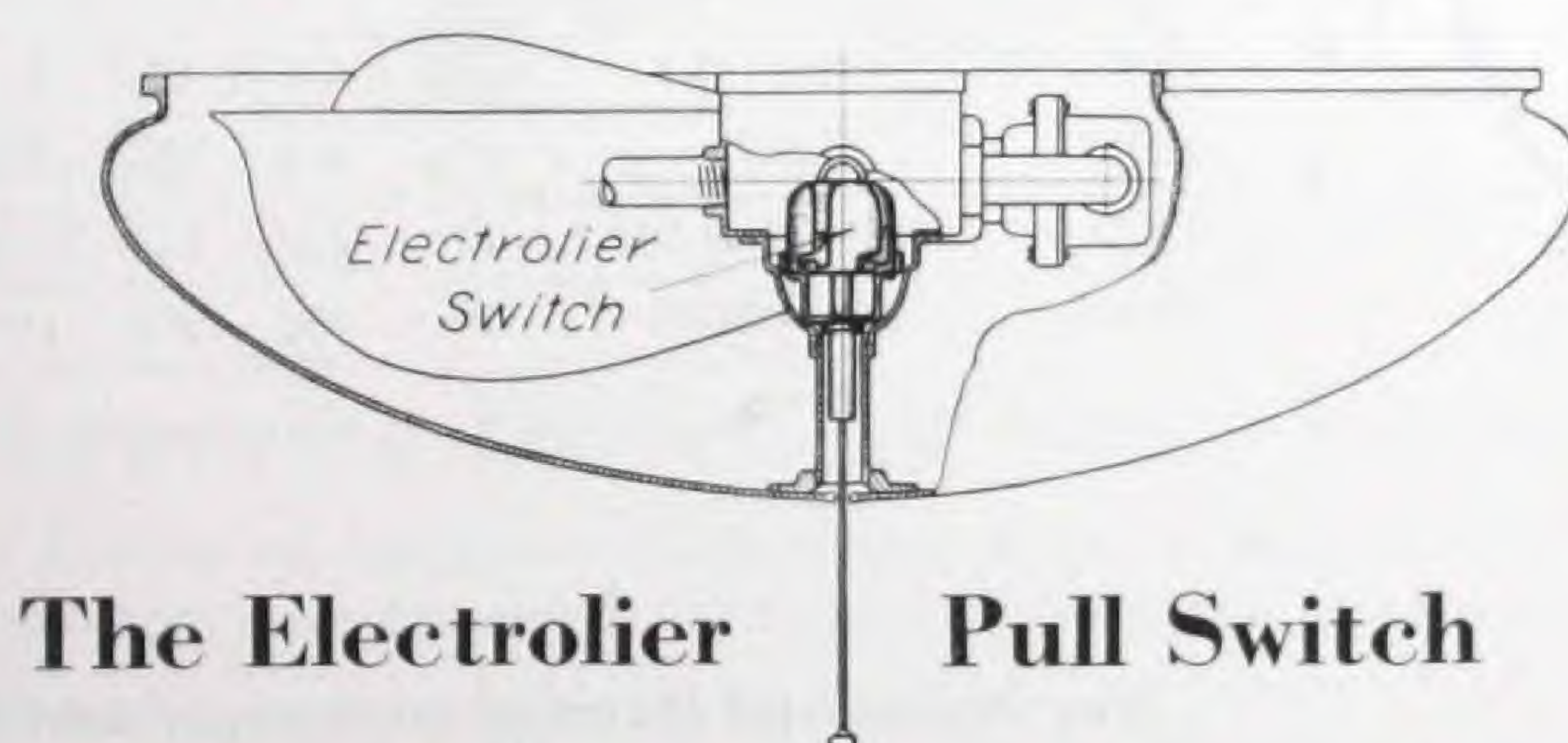
They are made more broadly distributing than any indirect lighting reflectors we have produced before. This is very desirable because the increased efficiency of gas-filled lamps makes possible lighting larger areas than formerly by means of single unit fixtures.

They are made with a high temperature backing which successfully resists the temperatures developed by the lamps. The dual system of coarse radial and fine spiral corrugations, breaks up and disperses the light to entirely eliminate streaks and striations on the ceiling. Were these reflectors constructed without the specially designed cor-

rugations, the illumination on the ceiling would present a very spotted and streaked appearance.

The luminous bowl type of reflectors is equipped with opal glass diffusers designed to transmit and redistribute a small percentage (about 7.5%) of the light which is utilized in moderately lighting the outer glass bowl.

The small size Mazda "C" gas-filled lamps (75, 100 and 150 watts) may be burned in any position, and often it is desirable to use them in the horizontal position, particularly for residence lighting fixtures. For this use the X-RAY E-60, and EC-71 reflectors are especially designed. These reflectors are built as small in size as is consistent with good design and therefore may be accommodated in very small and shallow bowls. They are intended to be used chiefly with multiple unit fixtures, and as they are used mostly for low ceiling heights, are designed broadly distributing.



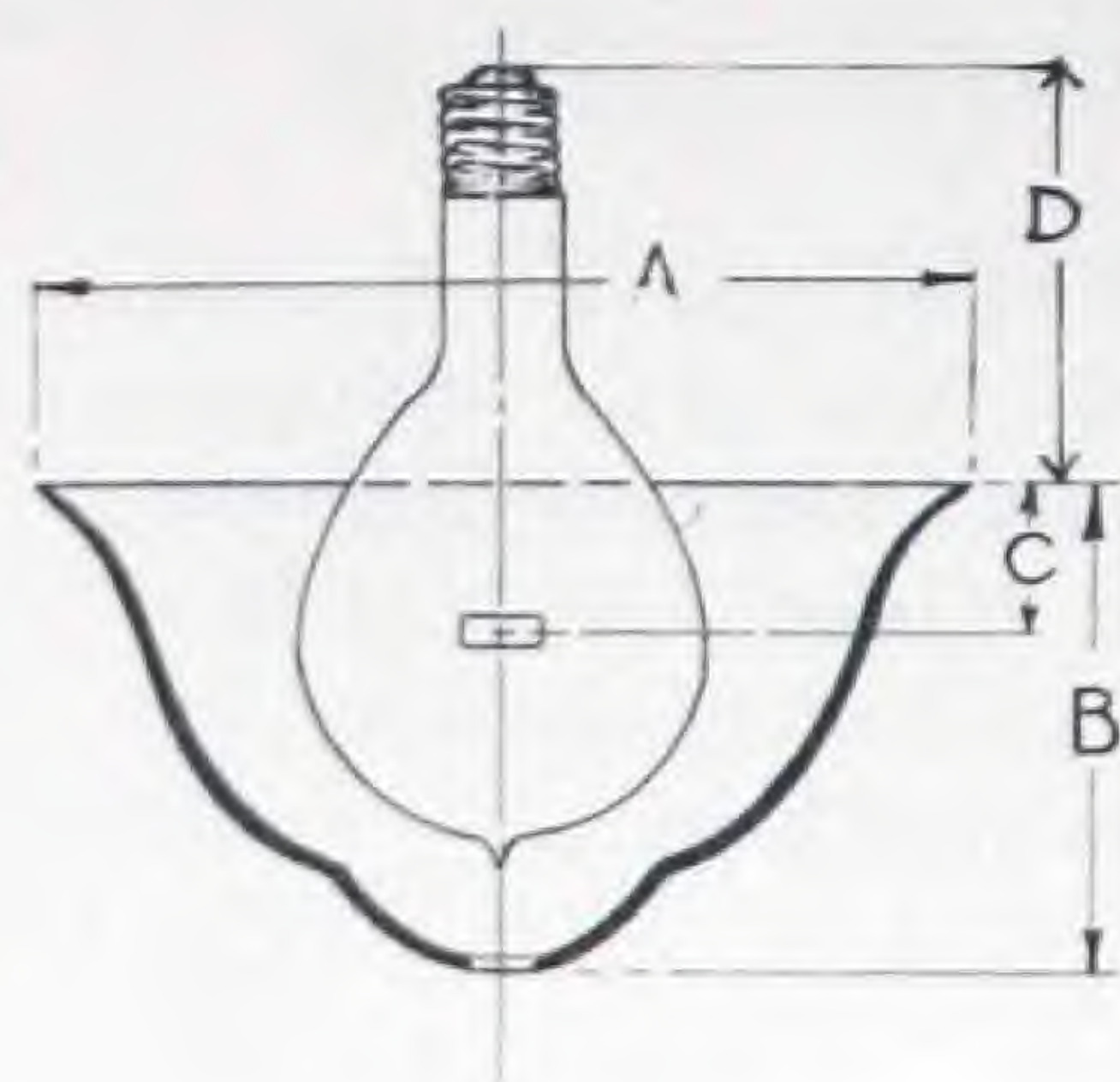
It is designed for indirect lighting fixtures where there is no wall switch in the room or where it is desired to turn on the lamps in the bowl, one at a time. This renders it especially valuable in connection with residence lighting. The switch is inside of the bowl and is operated

by pulling the cord hanging from the underside of the bowl, as illustrated.

Only fixtures containing two or more lamps can be equipped with this type of switch. An additional charge will be made when fixtures are so equipped.

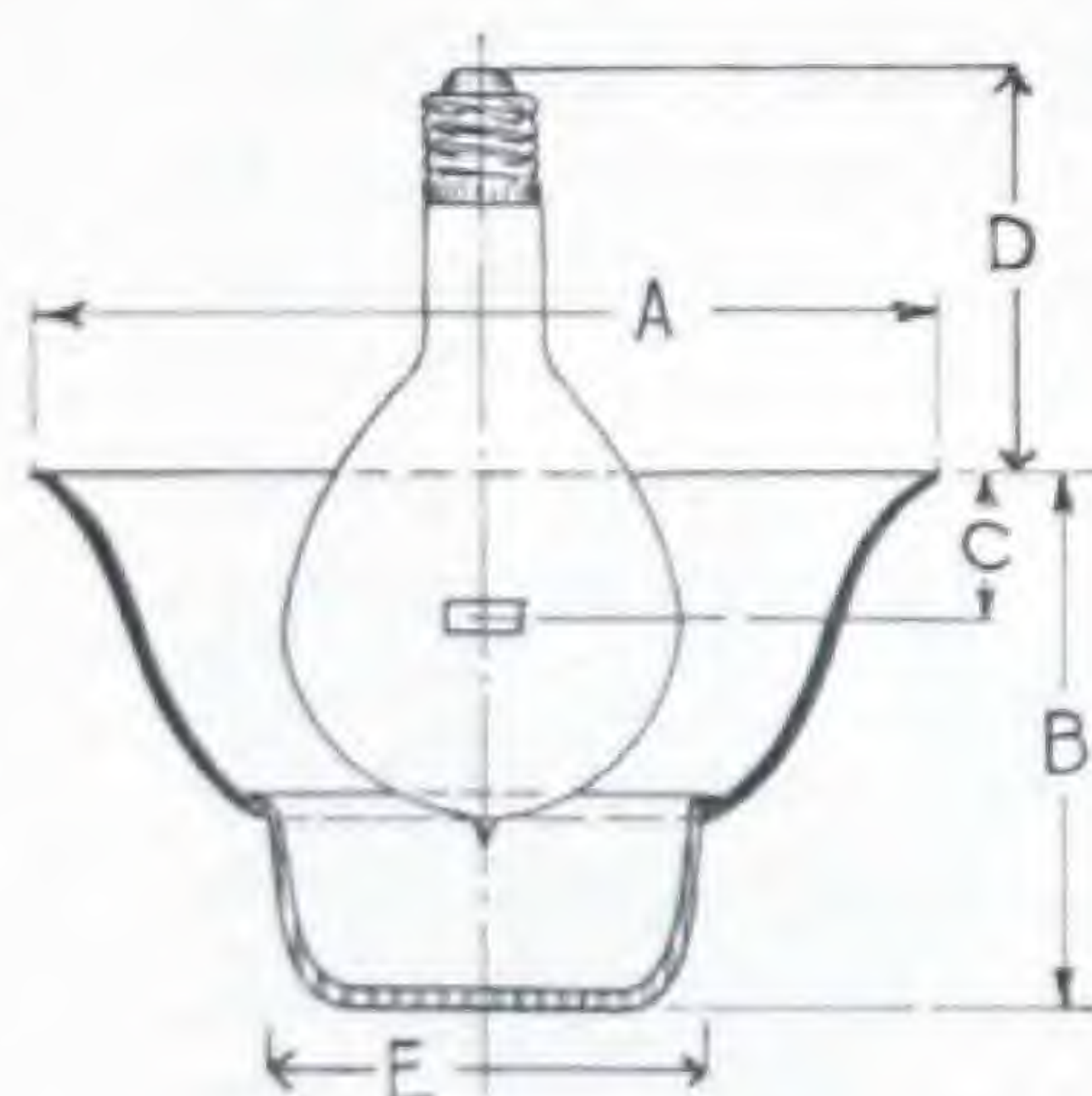
Price.....\$5.00

Correct Relation of Lamps to Reflectors



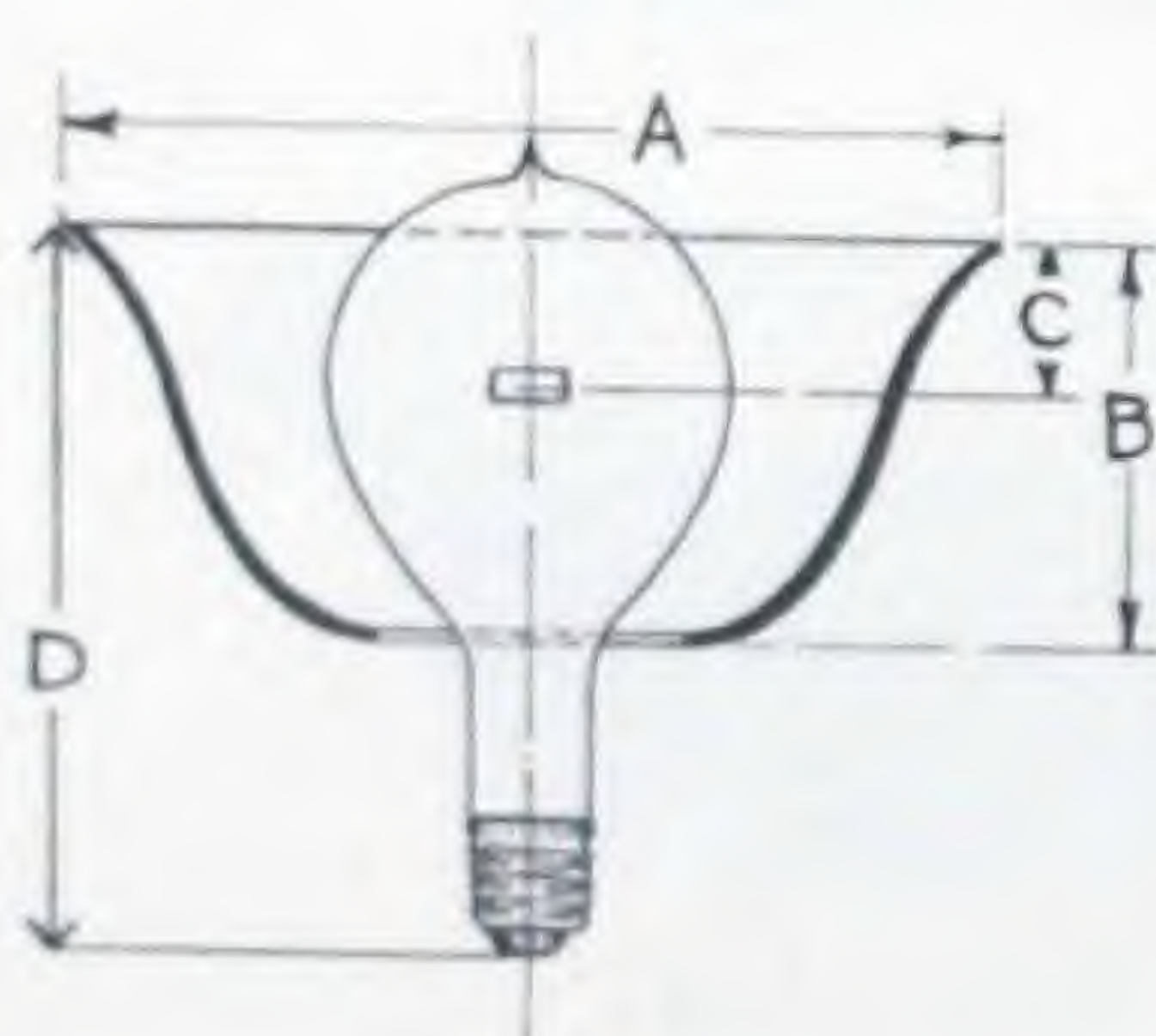
For Tip-Down Use in Opaque Bowls

Reflector No.	Type C Lamp Watts	DISTANCE IN INCHES				Cat. Letter Denoting Reflector
		A	B	C	D	
EC12	100 or 150	9½	4⅜	1⅜	3⅜	... V
EC12	200	9½	4⅜	1⅜	4⅜	... W
EC345	300, 400 or 500	12	6⅛	1⅞	5⅛	... M
EC751	750 or 1000	16	7⅛	2⅜	7⅛	... E



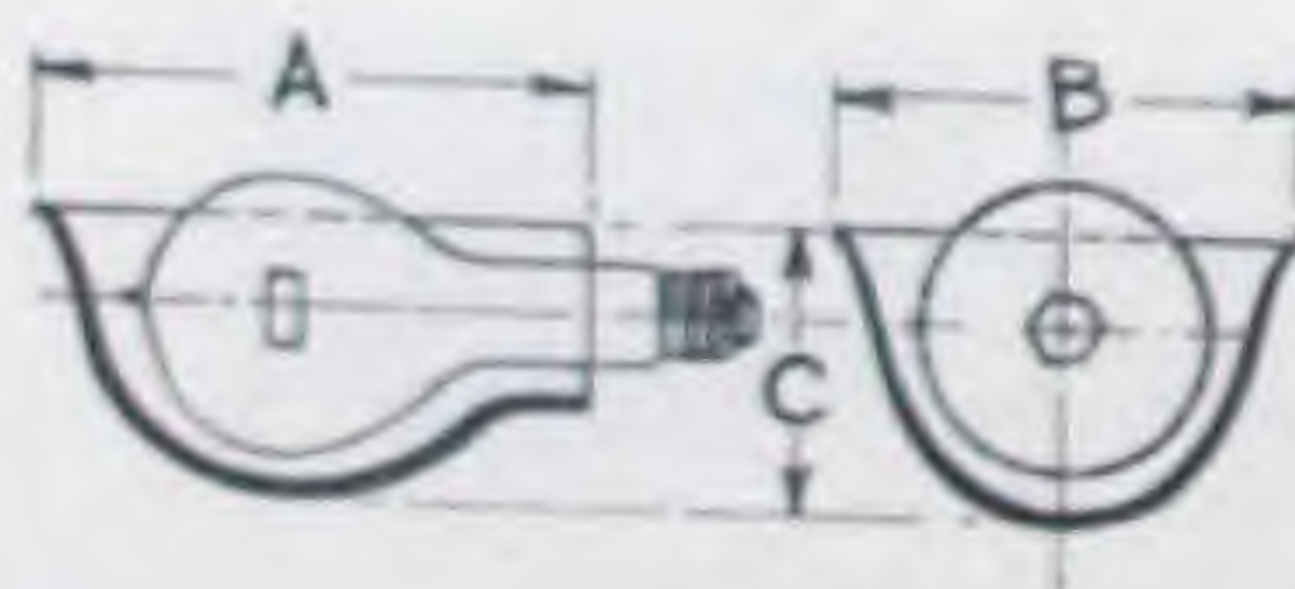
For Tip-Down Use in Luminous Bowls

EC14	100 or 150	9½	5¾	1⅜	3⅜	4	V
EC14	200	9½	5¾	1⅜	4⅜	4	W
EC346	300, 400 or 500	12	6⅞	1⅞	5⅛	6	M
EC758	750 or 1000	16	8¾	2⅜	7⅛	8	E



For Tip-Up Use in Opaque Bowls

EC15	100 or 150	9½	4⅜	1⅜	7	...	J
EC15	200	9½	4⅜	1⅜	7⅜	...	K
EC344	300, 400 or 500	12	5⅜	1⅞	8⅞	...	L
EC754	750 or 1000	16	6⅜	2⅜	11⅞	...	U



For Horizontal Burning in Opaque and Luminous Bowls

E60	75	5⅜	5	3	A
EC71	100 or 150	6⅜	5	3⅜	D
E155	200	7⅜	7⅜	3⅜	F

Note—The Letter used with Catalog No. denotes Type of Reflector used in Fixture.

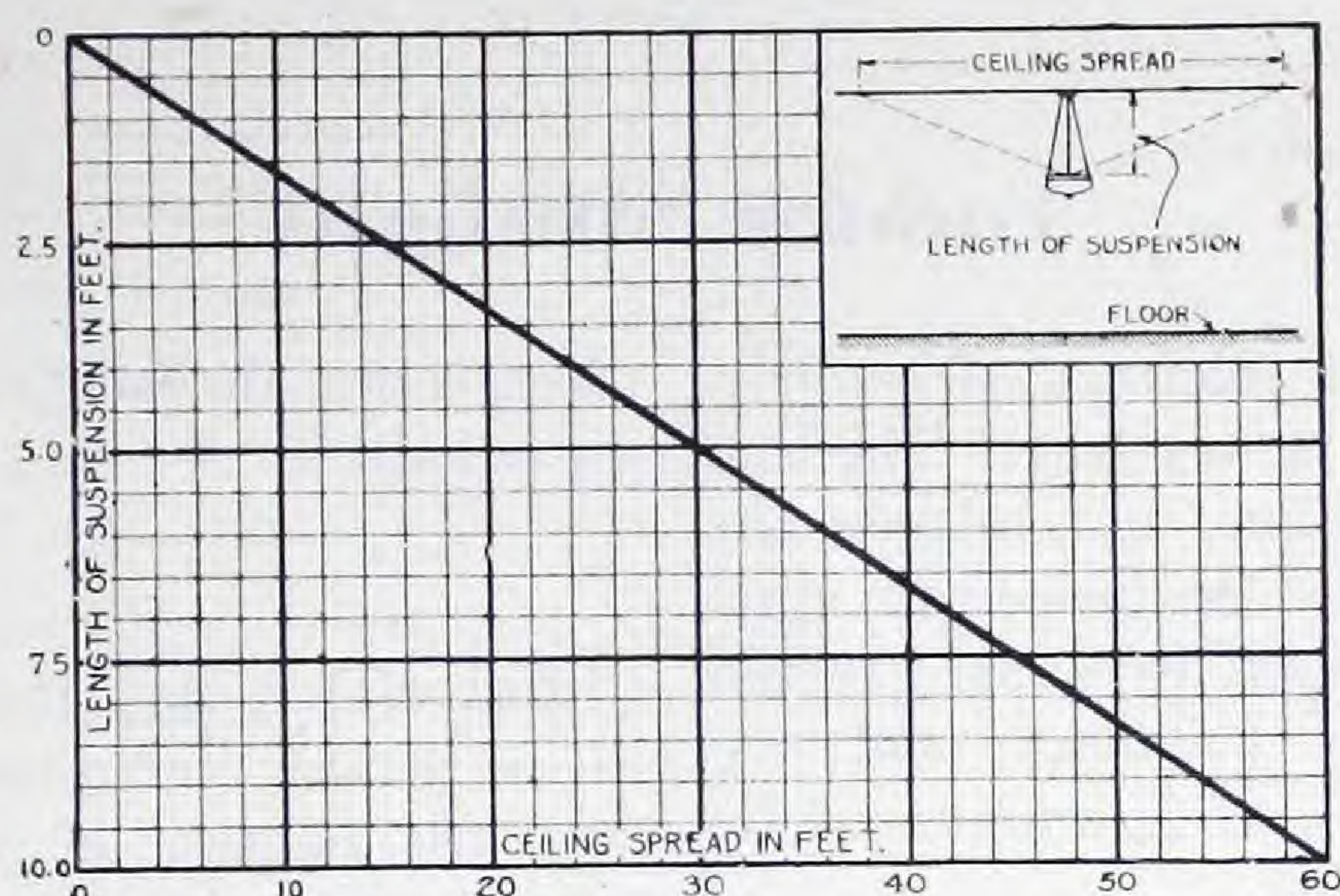


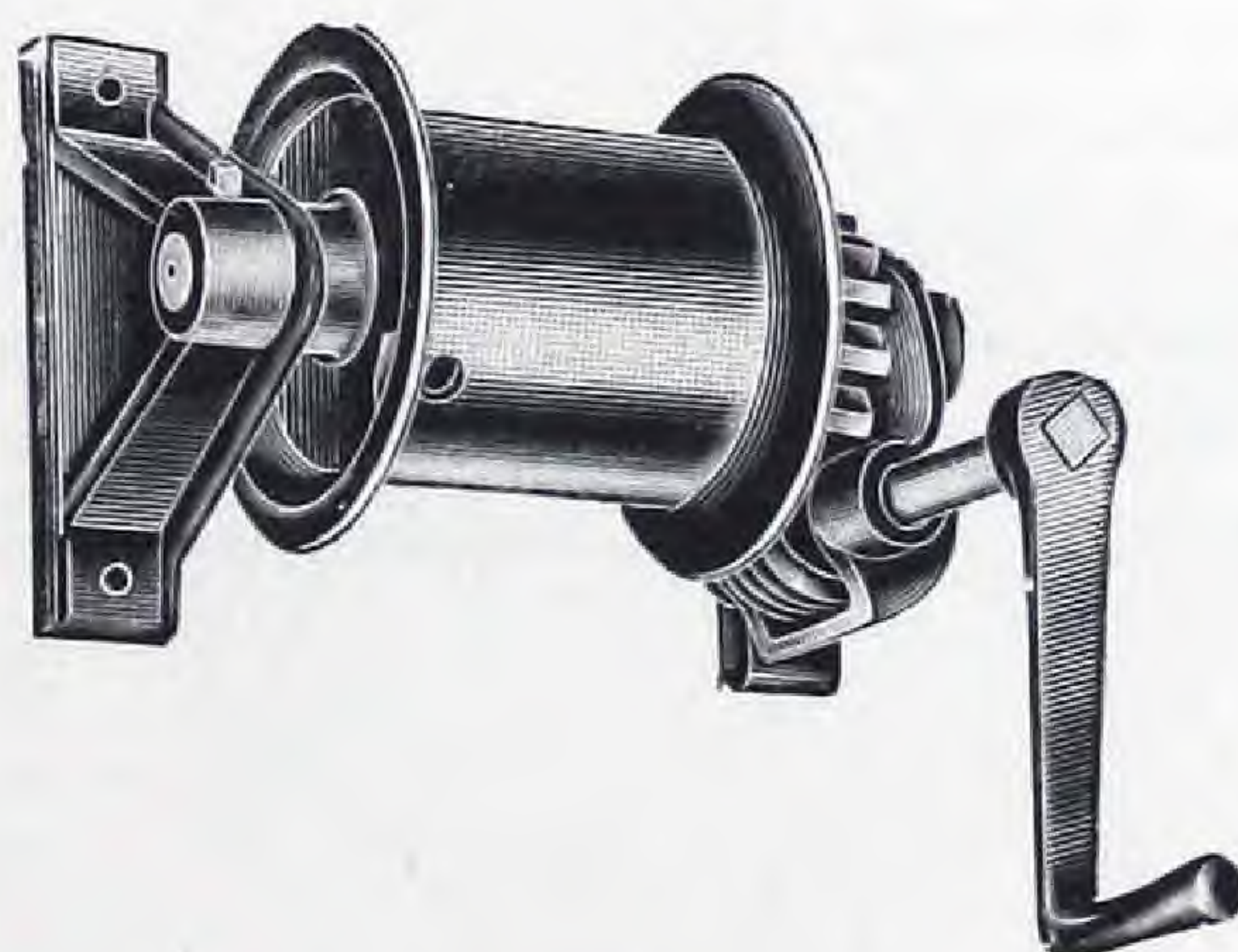
Chart to determine distance from top of fixture bowl to ceiling

Extra Lengthening

For the larger fixtures illustrated in this catalog we are prepared to furnish at the stated prices chain up to the lengths specified as follows:

Diameter of Bowl	Distance from top of Bowl to Ceiling
30 to 36 inches	60 inches
36 to 44 inches	72 inches

For longer suspensions an extra charge will be made. Prices furnished upon application.



Lowering Device for Large Fixtures

When fixtures are hung from high ceilings where access with a ladder for cleaning is impractical, arrangements must be made for lowering the fixtures.

The following equipment is recommended:

Catalog No.	Description	Price Each
10195	Worm Gear Winch, lifts 500 lbs.....	\$15.00 Net
10196	Worm Gear Winch, lifts 750 lbs.....	19.50 Net
10167	Special Hook for Canopy.....	.80 Net
	$\frac{3}{8}$ -inch Wire Cable.....	11c per foot Net

The Luminous Bowl Principle

Luminous Bowl X-Ray Fixtures are truly indirect and are not to be confused with the so-called "semi-indirect." Just as in the opaque indirect fixtures of metal and compone each lamp

With this method the bowl is not glary, nor harsh, nor obtrusive no matter how bright the lamp may be. Its faint glow casts no objectionable shadows. It does not ruin the beautiful indirect

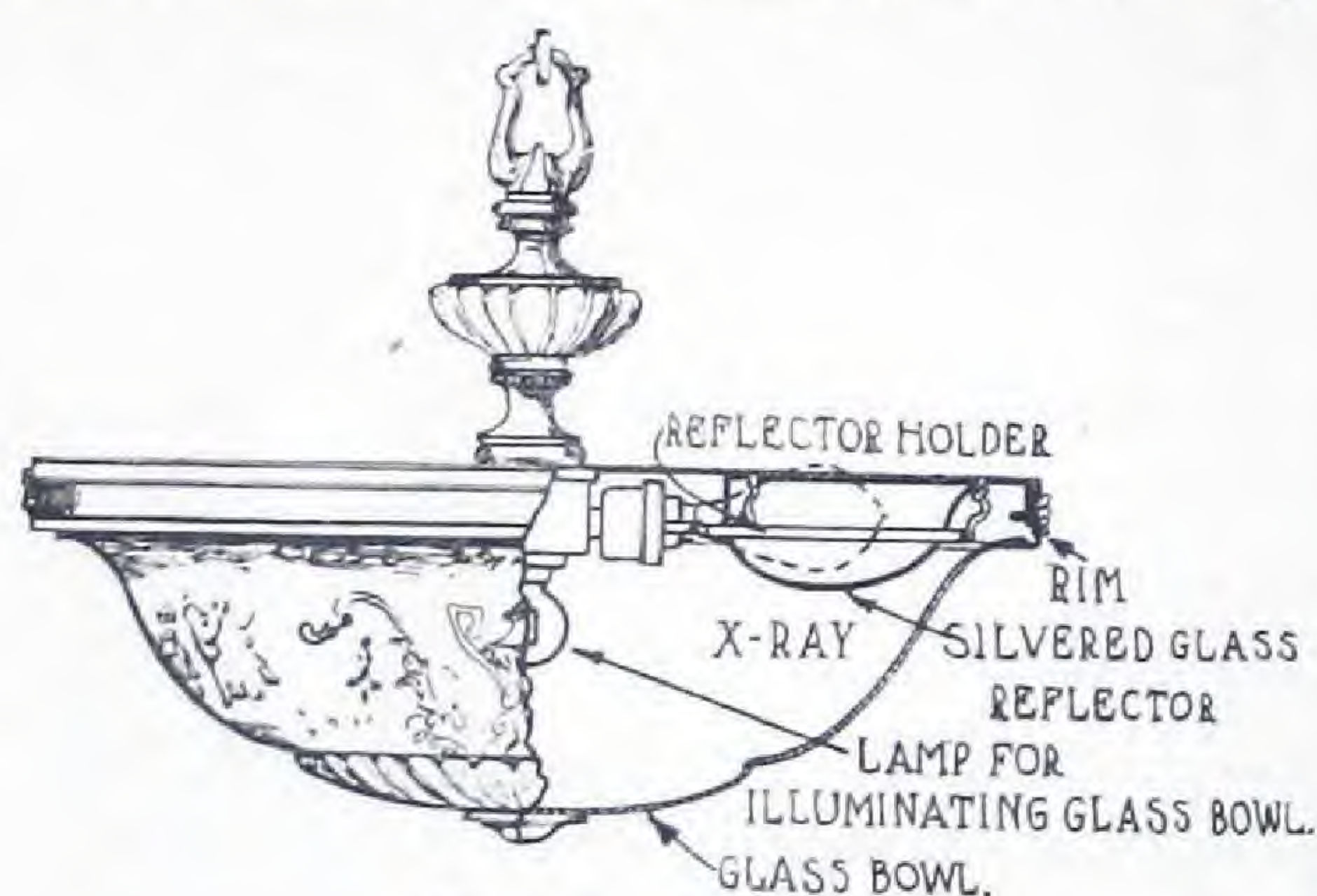


Fig. 1

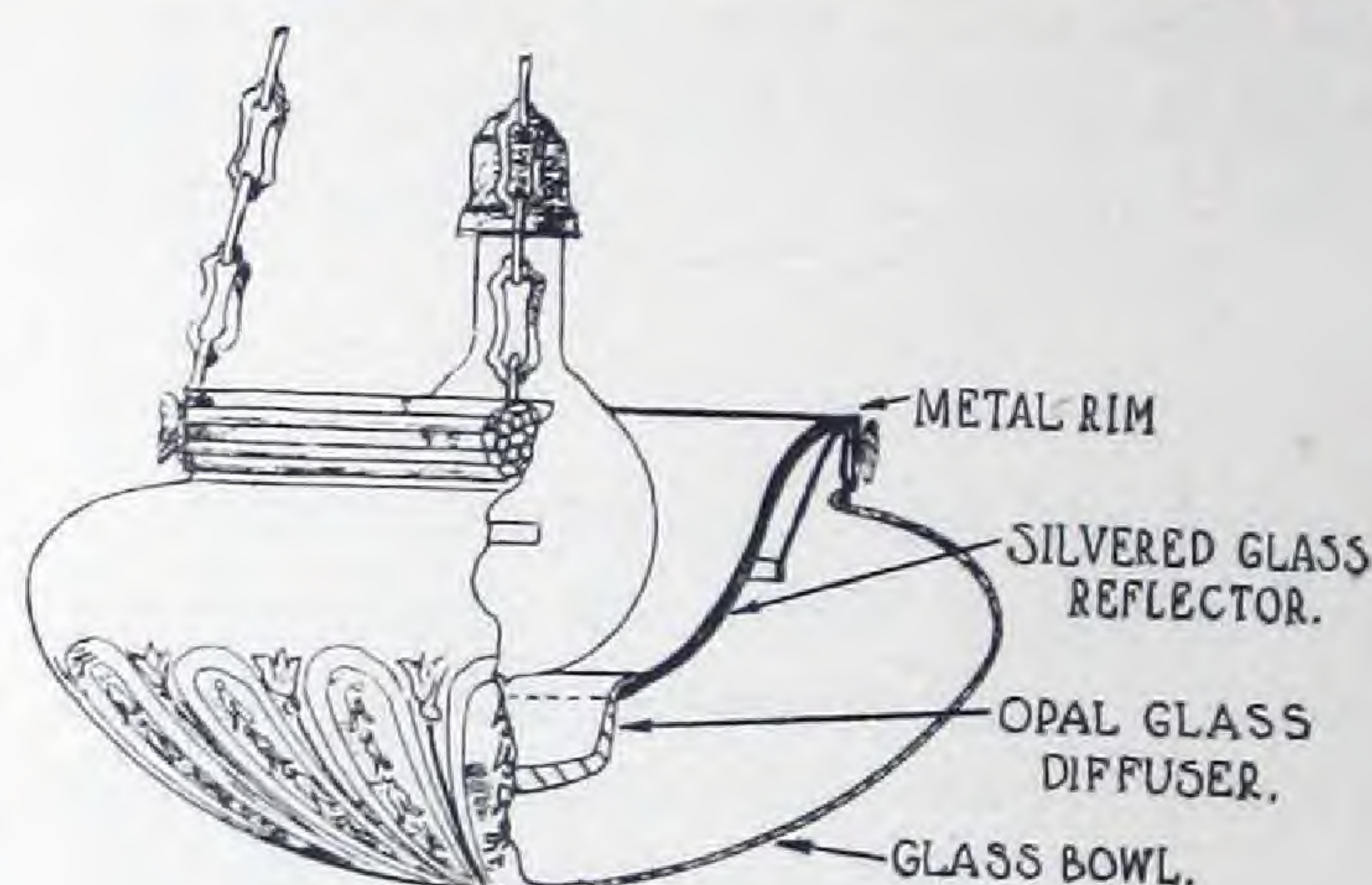


Fig. 2

is equipped with an opaque X-Ray Reflector for the purpose of directing all the light rays against the ceiling at the correct angle, thus insuring *perfect* indirect illumination. When several lamps and reflectors are used in the bowl provision is made for a small lamp the only function of which is to illuminate very softly the glass bowl or panels in the fixture. When but one lamp and reflector are used a piece of translucent white glass is set into a hole in the bottom of the reflector as in Fig. 2 permitting a small percent of the light to pass through and evenly light the bowl without any spots of light and shade.

illumination which is so essentially an illumination from concealed sources. In short, luminous bowl X-Ray fixtures possess artistically lighted bowls and do not sacrifice the indirect effect originally sought.





No. 4222 Design—Brass

Diameter 16½ inches Depth 10 inches
16-inch Molded White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
†4222A	2	75		\$55.00
†4223A	3	75		59.25
4222D	2	100 or 150		56.00

No. 3863 Design—Compone

Diameter 22 inches Depth 22 inches
Cathedral White Glass Panels in Sides and
Bottom

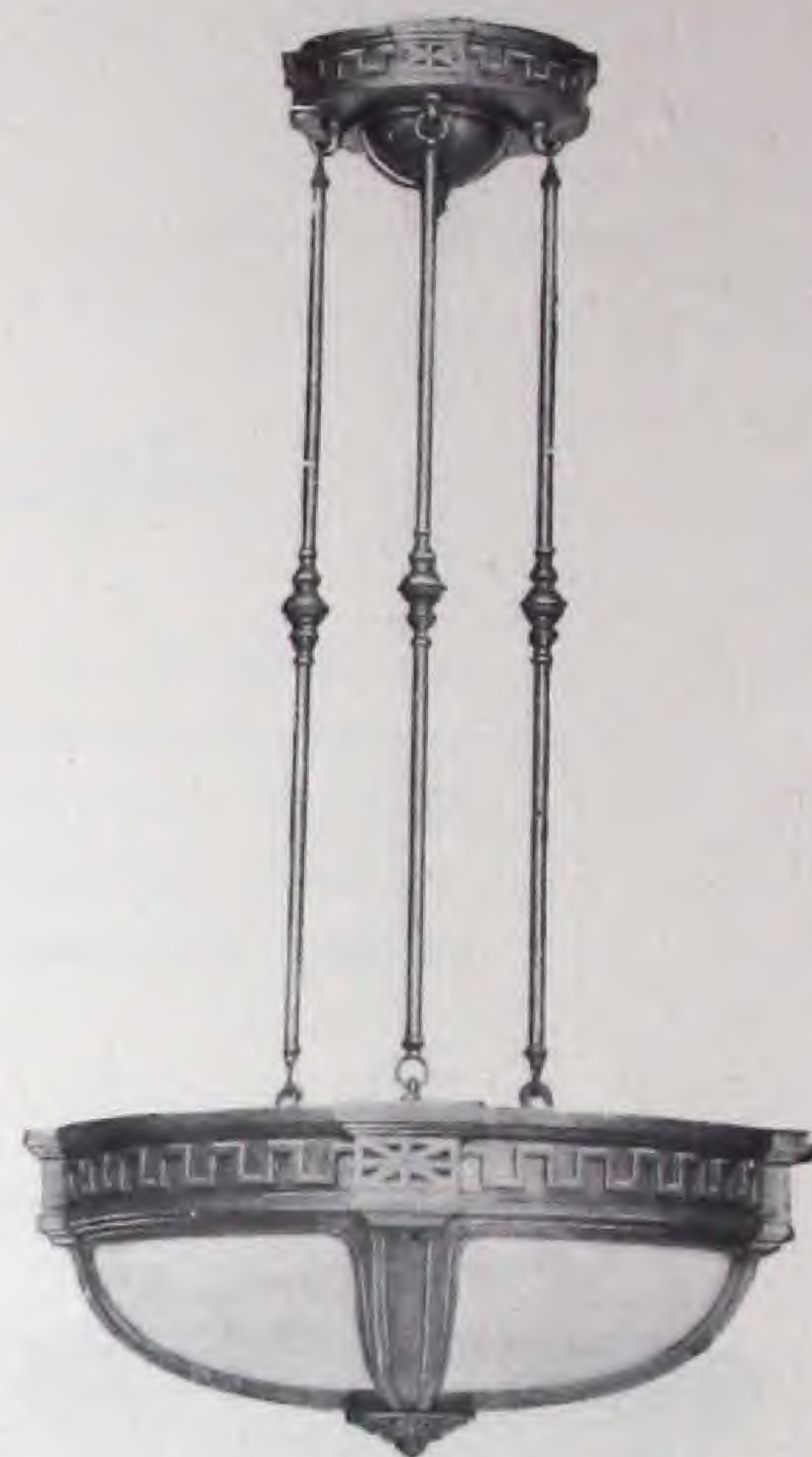
Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
3863D	3	100 or 150		\$144.00
Diameter 36 inches Depth 36 inches				
3832L	2	300, 400 or 500		\$218.50
3833L	3	300, 400 or 500		230.00

The above fixtures can be equipped
with X-Ray Reflectors, for direct light-
ing. Prices upon application.

No. 4232 Design—Brass

Diameter 16½ inches Depth 12 inches
Standard Finish: Antique Gold

Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
†4232A	2	75		\$93.00
†4233A	3	75		97.25
4232D	2	100 or 150		91.00



No. 4242 Design—Compone

Diameter 16 inches Depth 10 inches
12-inch Ribbed Glass Bowl

Catalog No.	No. of Type	Size in	Price
No. "C" Lamps	Walls		Each
†4242A	2	75	\$57.50
4242D	2	100 or 150	59.00

Diameter 21 inches Depth 13 inches
16-inch Ribbed Glass Bowl

Catalog No.	No. of Type	Size in	Price
No. "C" Lamps	Walls		Each
†4252A	2	75	\$80.00
†4254A	4	75	88.50
4252D	2	100 or 150	81.00
4254D	4	100 or 150	90.50

No. 2643 Design—Compone

Diameter 30 inches Depth 12 inches
Cathedral White Glass Panels

Catalog No.	No. of Type	Size in	Price
No. "C" Lamps	Walls		Each
2643D	3	100 or 150	\$136.50
2646D	6	100 or 150	150.75
§2643F	3	200	138.00

Diameter 42 inches Depth 18 inches

Catalog No.	No. of Type	Size in	Price
No. "C" Lamps	Walls		Each
3306D	6	100 or 150	\$203.00
§3303F	3	200	190.25
§3306F	6	200	206.00
§3303L	3	300, 400 or 500	222.50
§3306L	6	300, 400 or 500	257.00
§3303U	3	750 or 1000	236.00

6-Rod Suspension

No. 2662 Design—Compone

Diameter 16 inches Depth 8 inches
Cathedral White Glass Panels

Catalog No.	No. of Type	Size in	Price
No. "C" Lamps	Walls		Each
†2652A	2	75	\$84.50
2652D	2	100 or 150	85.50

Diameter 23 inches Depth 9 inches

Catalog No.	No. of Type	Size in	Price
No. "C" Lamps	Walls		Each
†2662A	2	75	\$100.50
†2664A	4	75	109.00
2662D	2	100 or 150	101.50
2664D	4	100 or 150	111.00

4-Rod Suspension



No. 2133 Design—Brass

Diameter 19 inches Depth 7 inches

18-inch Etched White Glass Bowl
Standard Finish: Brushed Nickel

Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†2133A	3	75	\$105.50

No. 3743 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch Etched Light Brown Finished Glass Bowl

Standard Finish: Natural Bronze

Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†3742A	3	75	\$130.00
3743D	3	100 or 150	131.50

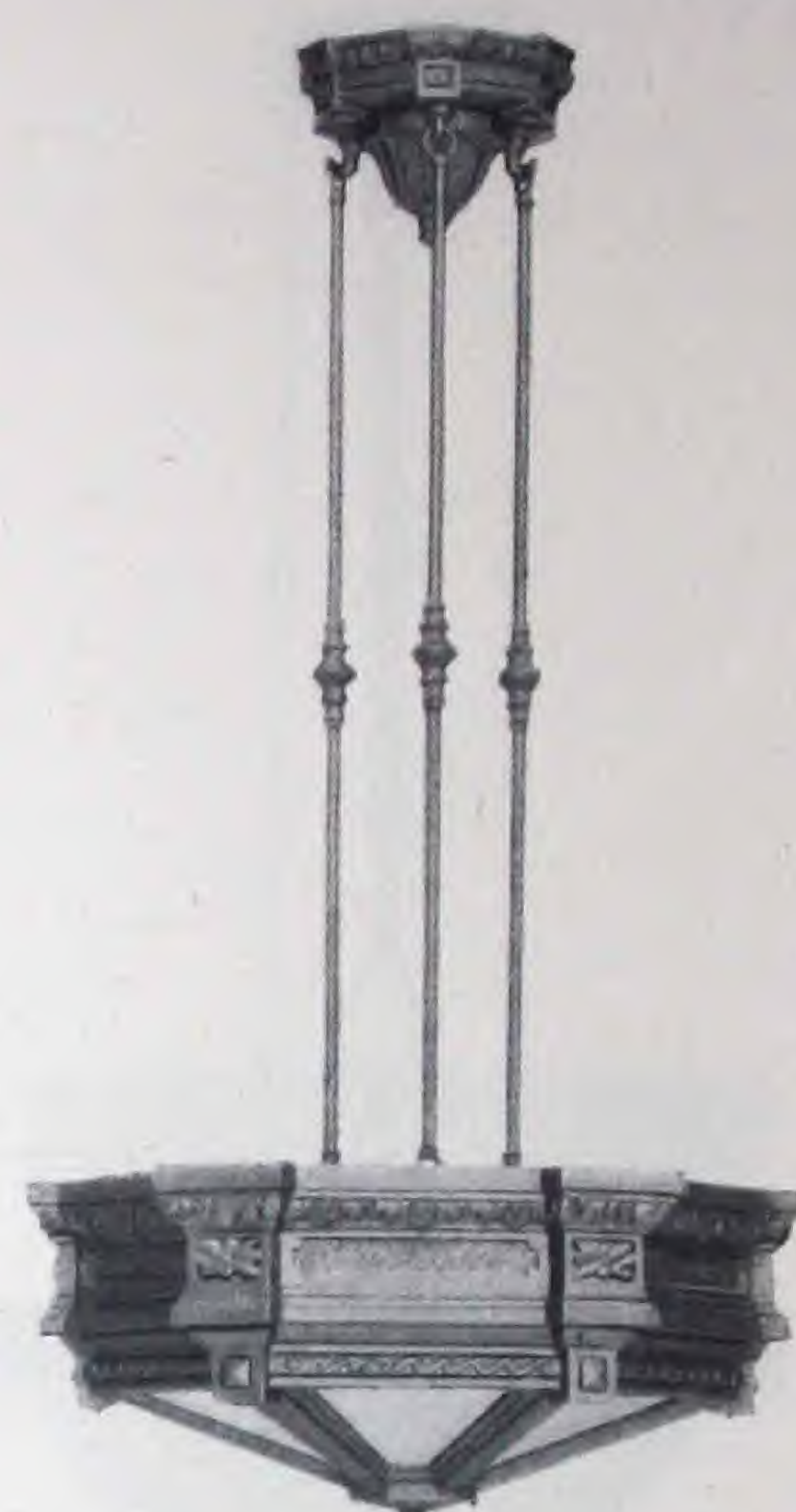
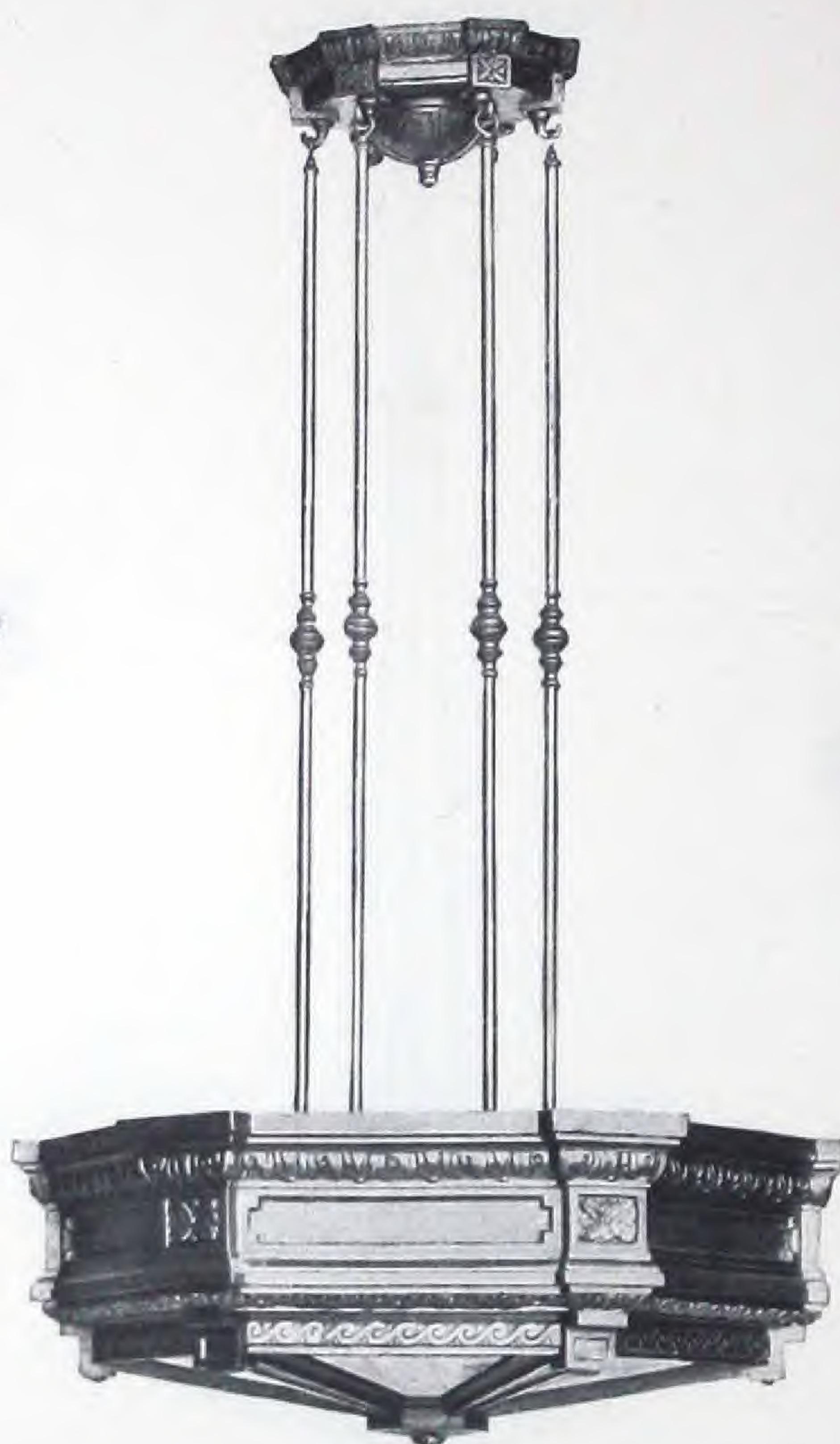
No. 2842 Design—Silk

Diameter 17 inches Depth 13 inches

Standard Finish: Gold Bronze Canopy and
Old Gold Silk Bowl, Stem and Tassel

Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†2842A	2	75	\$101.00
†2843A	3	75	105.25
2842D	2	100 or 150	102.00

Silk Bowl, Stem and Tassel can be furnished
to match Room Decorations.



No. 4262 Design—Compone

Diameter 22 inches Depth 14 inches
16-inch Ribbed Glass Bowl

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†4262A	2	75	\$78.00
†4264A	4	75	86.50
4262D	2	100 or 150	79.00
4264D	4	100 or 150	88.50

No. 2823 Design—Compone

Diameter 30 inches Depth 11 inches
Cathedral White Glass Panels

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
2823D	3	100 or 150	\$127.00
2826D	6	100 or 150	141.25
§2823F	3	200	128.50

Diameter	Depth
42 inches	18 inches
§4273F	3 200 180.00
§4276F	6 200 195.75
§4273L	3 300, 400 or 500 212.25
§4276L	6 300, 400 or 500 246.75

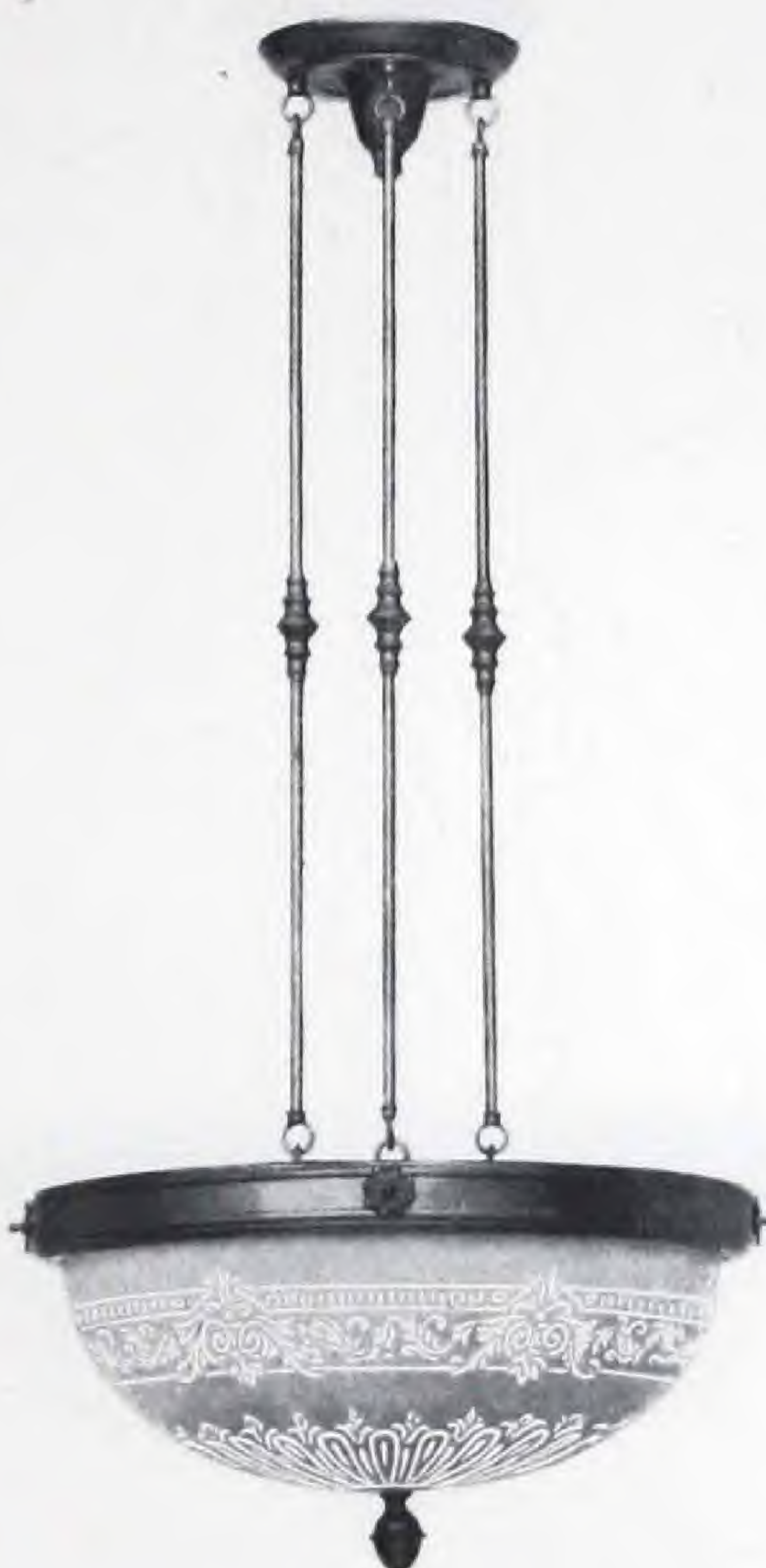
6-Rod Suspension

No. 3453 Design—Compone

Diameter 20 inches Depth 9 inches
Cathedral White Glass Panels

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†3453A	3	75	\$ 98.50
3453D	3	100 or 150	100.00

3-Rod Suspension



No. 4282 Design—Brass

Diameter 16½ inches Depth 10 inches

Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†4282A	2	75	\$66.00
†4283A	3	75	70.25
4282D	2	100 or 150	67.00

No. 3543 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch Etched Light Brown Finished Glass Bowl

Standard Finish: Natural Bronze

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†3543A	3	75	\$97.50
3543D	3	100 or 150	99.00
3-Rod Suspension			

No. 2161 Design—Brass

Diameter 12 inches Depth 10 inches
10x12-inch Etched Florentine Finished Glass Bowl

Standard Finish: Gold Bronze with Old Gold Silk Stem and Tassel

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
2161V	1	100 or 150	\$66.00
2161W	1	200	66.00

Silk covered Stem and Tassel can be furnished to match room decorations.



No. 2031 Design—Compone

Diameter 21 inches Depth 11 inches
16-inch Ribbed Glass Bowl

Catalog No.	No. of Type	Size in "C" Lamps Walls	Price Each
2031W	1	200	\$82.00
2031M	1	300, 400 or 500	87.50
2031E	1	750 or 1000	93.00

No. 1434 Design—Compone

Diameter 34 inches Depth 16 inches
Cathedral White Glass Panels

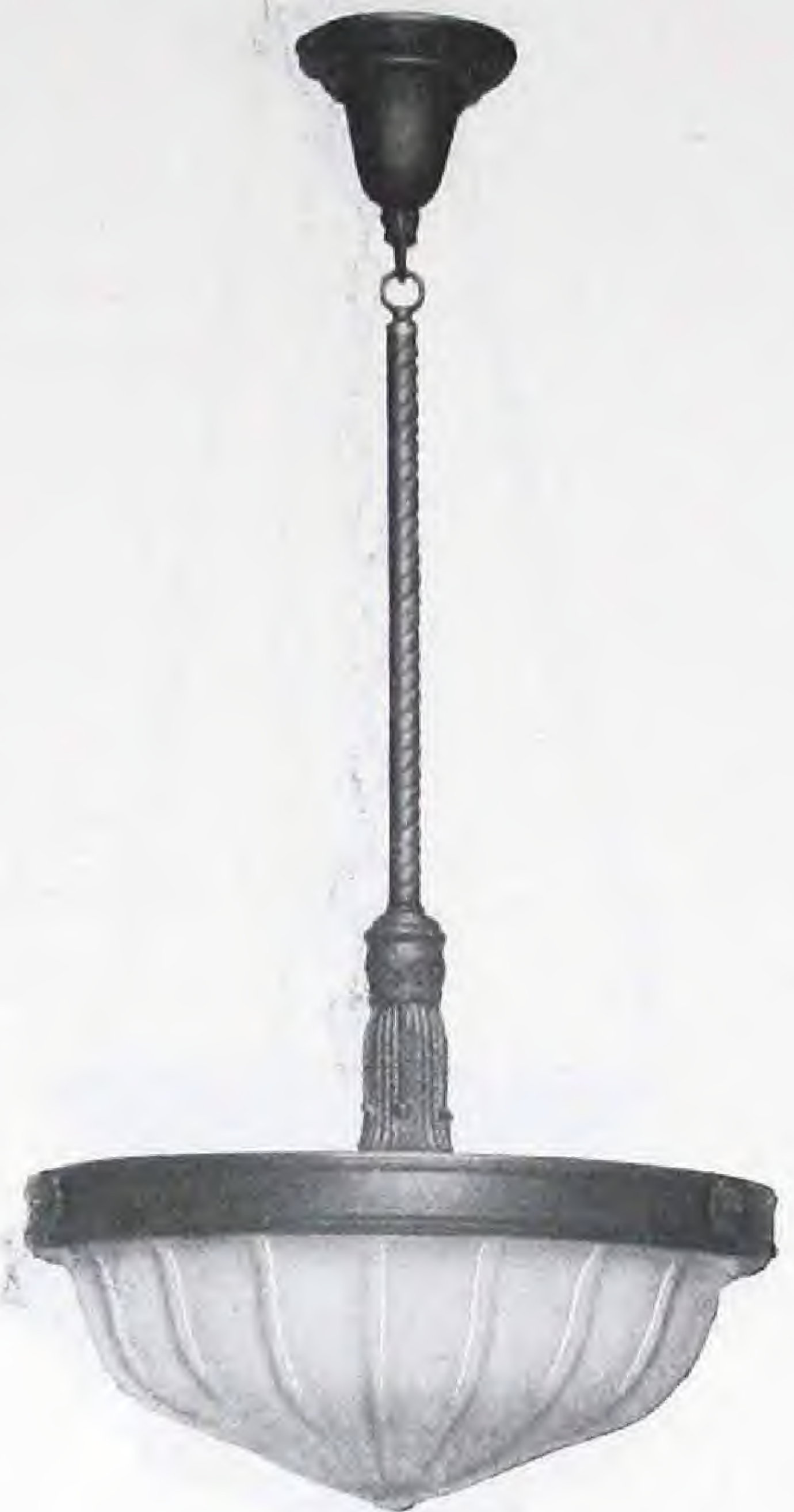
Catalog No.	No. of Type	Size in "C" Lamps Walls	Price Each
1434D	4	100 or 150	\$132.00
1435D	5	100 or 150	136.75
1436D	6	100 or 150	141.50
\$1434F	4	200	134.00
\$1435F	5	200	139.25
\$1436F	6	200	144.50
*1431E	1	750 or 1000	131.00

No. 1413 Design—Compone

Diameter 24 inches Depth 9½ inches
Cathedral White Glass Panels

Catalog No.	No. of Type	Size in "C" Lamps Walls	Price Each
†1413A	3	75	\$92.00
†1414A	4	75	96.25
†1415A	5	75	100.50
1413D	3	100 or 150	93.50
1414D	4	100 or 150	98.25
*1411M	1	300, 400 or 500	92.25

4-Chain Suspension



No. 4292 Design—Brass

Diameter 15½ inches Depth 9 inches
14-inch Moulded White Glass Bowl
Standard Finish:

Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each
†4292A	2	75	\$48.50
4292D	2	100 or 150	52.75
*4191W	1	200	47.00
*4191M	1	300, 400 or 500	53.00

No. 3533 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch Etched Light Brown Finished Glass Bowl

Standard Finish: Natural Bronze

Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each
†3533A	3	75	\$115.50
3533D	3	100 or 150	117.00

No. 3262 Design—Brass

Diameter 16½ inches Depth 6½ inches
16-inch White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each
†3262A	2	75	\$61.75
†3263A	3	75	66.00
3262D	2	100 or 150	62.75



No. 3192 Design—Brass

Diameter 16½ inches Depth 6½ inches
16-inch White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†3192A	2		75	\$61.75
†3193A	3		75	66.00
3192D	2	100 or 150		62.75

No. 4302 Design—Brass

Diameter 18 inches Depth 10 inches
16-inch Moulded White Glass Bowl
Standard Finish:

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†4302A	2		75	\$78.00
†4303A	3		75	82.25
4302D	2	100 or 150		79.00

4-Chain Suspension

No. 3553 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†3553A	3		75	\$73.00
3553D	3	100 or 150		74.50



No. 1752 Design—Brass

Diameter 16½ inches Depth 6½ inches
16-inch White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each
†1752A	2	75	\$52.00
†1753A	3	75	56.25
1752D	2	100 or 150	53.00

Glass Bowl can be furnished with Ribs delicately colored on inside in blue or pink at an addition of \$2.00.

No. 3563 Design—Brass

Diameter 18½ inches Depth 10 inches
18-inch White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each
†3563A	3	75	\$73.00
3563D	3	100 or 150	74.50

No. 3631 Design—Brass

Diameter 14 inches Depth 7½ inches
10-inch Ribbed Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each
3631V	1	100 or 150	\$35.25
3631W	1	200	35.25



No. 2461 Design—Brass

Diameter 12 inches Depth 6½ inches
10x12-inch Hand Painted Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
2461V	1		100 or 150		\$30.75
2461W	1		200		30.75

No. 3611 Design—Brass

Diameter 12 inches Depth 10 inches
10x12-inch Etched Florentine Finished
Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
3611V	1		100 or 150		\$38.50
3611W	1		200		38.50

No. 4311 Design—Brass

Diameter 12 inches Depth 6½ inches
10x12-inch Moulded White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
4311V	1		100 or 150		\$21.00
4311W	1		200		21.00

No. 4321 Design—Steel

Standard Finish: Dark Bronze

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
4321V	1		100 or 150		\$19.50
4321W	1		200		19.50



No. 3181 Design—Steel

Diameter 12 inches Depth 6½ inches
10x12-inch Opal Glass Bowl
Standard Finish: Dark Bronze

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
3181V	1		100 or 150		\$19.50
3181W	1		200		19.50

Diameter 16 inches Depth 8 inches
12x16-inch Opal Glass Bowl

3811M	1		300, 400 or 500		\$35.25
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No. 1851 Design—Steel

Diameter 16½ inches Depth 8 inches
12-inch Ribbed Glass Bowl
Standard Finish: Dark Gold Bronze

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
2311W	1		200		\$34.25
2311M	1		300, 400 or 500		39.75

Diameter 18¾ inches Depth 9 inches
14-inch Ribbed Glass Bowl

1851M	1		300, 400 or 500		\$43.75
1851W	1		200		38.25

Diameter 20 inches Depth 10 inches
16-inch Ribbed Glass Bowl

1891M	1		300, 400 or 500		\$53.00
1891E	1		750 or 1000		58.50

No. 2191 Design—Steel

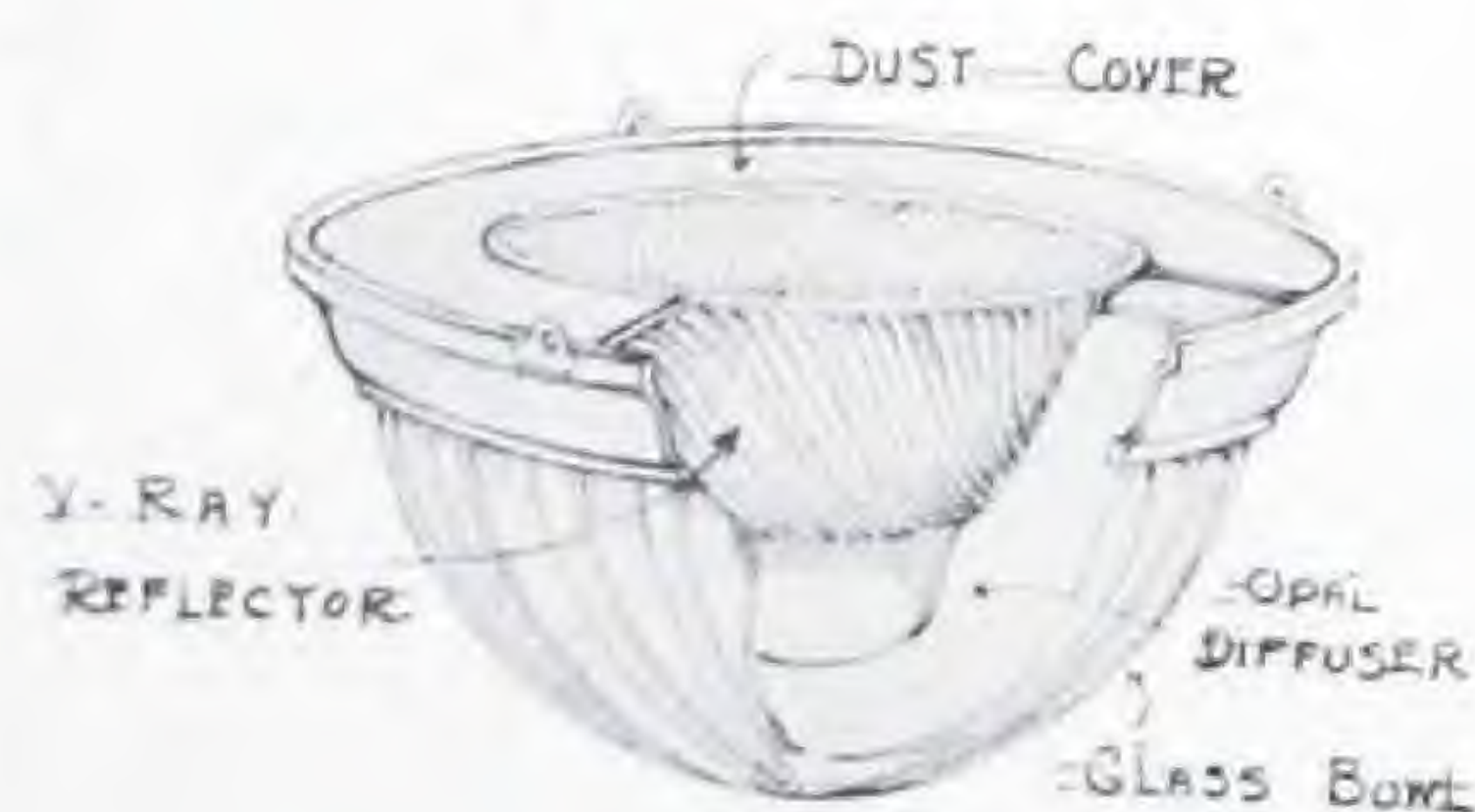
Diameter 14 inches Depth 7½ inches
10-inch Ribbed Glass Bowl
Standard Finish: Dark Gold Bronze

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
2191V	1		100 or 150		\$23.00
2191W	1		200		23.00

No. 2811 Design—Brass

Standard Finish: Brushed Brass

2811V	1		100 or 150		\$25.00
2811W	1		200		25.00



No. 3121 Design—Steel

Diameter 14 1/4 inches Depth 7 inches
12-inch Ribbed Glass Bowl
Standard Finish: Dark Bronze

Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
3121V	1	100 or 150		\$26.50
3121W	1	200		26.50

Diameter 16 inches Depth 9 inches
14-inch Ribbed Glass Bowl

3701M	1	300, 400 or 500		\$35.25
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The X-Ray reflector is held in position by a spun steel disc instead of the regular reflector holder. The Steel Disc keeps all dust and dirt from settling on the inside of the glass bowl.

No. 3571 Design—Steel

Diameter 16 1/2 inches Depth 8 inches
12-inch Ribbed Glass Bowl
Standard Finish: Dark Bronze

Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
3571W	1	200		\$36.75
3571M	1	300, 400 or 500		42.25

Diameter 18 3/4 inches Depth 9 inches
14-inch Ribbed Glass Bowl

3581W	1	200		\$40.75
3581M	1	300, 400 or 500		46.25

Diameter 20 inches Depth 10 inches
16-inch Ribbed Glass Bowl

3591M	1	300, 400 or 500		\$55.50
3591E	1	750 or 1000		61.00

No. 4331 Design—Steel

Diameter 16 inches Depth 9 inches
14-inch Moulded White Glass Bowl
Standard Finish: Dark Bronze

Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
4331M	1	300, 400 or 500		\$36.25

The X-Ray reflector is held in position by a spun steel disc instead of the regular reflector holder. The Steel Disc keeps all dust and dirt from settling on the inside of the glass bowl.



No. 1421 Design—Steel

Canopy 1 1/2 inches Depth 4 inches
 Globes and Shades White Glass
 Standard Shade Dark Bronze

Catalog No.	No. of Pipes	Size in	Price
No.	1/2"	Large	Small
1421 W	1	200	\$12.00
1421 M	1	200, 250 or 300	\$1.25

Note: Lamp, canopy, cage, and globe, and standard shading, from Standard Shade, and inside shell of Wood Shade.

Canopy 1 1/2 inches	Depth 4 inches
Globes and Shades White Glass	Standard Shade Dark Bronze
1421 W	1 200, 250 or 300 \$12.00

No. 1422 Design—Steel

Canopy 1 1/2 inches Depth 4 inches
 Globes and Shades White Glass
 Standard Shade Dark Bronze

Catalog No.	No. of Pipes	Size in	Price
No.	1/2"	Large	Small
1422 W	1	200	\$12.00
1422 M	1	200, 250 or 300	\$1.25
1422 L	1	250 or 300	\$1.25

No. 1423 Design—Wicker

Canopy 1 1/2 inches Depth 4 inches
 Globes and Shades White Glass
 Standard Shade Dark Bronze

Catalog No.	No. of Pipes	Size in	Price
No.	1/2"	Large	Small
1423 W	1	200 or 250	\$12.00
1423 M	1	200 or 250	\$1.25
1423 L	1	250	\$1.25

Note: Lamp is supported by all around and from canopy.

Shade, canopy, cage, and globe, from Standard Shade, and inside shell of Wood Shade.



No. 2442 Design—Wicker

Diameter 16 inches Depth 7 inches
Standard Finish: Green, Mahogany or Old Ivory

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
†2442A	2		75		\$48.00
†2443A	3		75		52.25
2442D	2		100 or 150		49.00

Above fixture lined with Cretonne. If wanted lined with silk, add \$2.50.

No. 3802 Design—Wicker

Diameter 18 inches Depth 12 inches
Standard Finish: Green, Mahogany or Old Ivory

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
†3802A	2		75		\$48.75
†3803A	3		75		53.00
3802D	1		100 or 150		49.75
3803D	3		100 or 150		54.50

Above fixture lined with Cretonne. If wanted lined with silk, add \$2.50.

No. 862 Design—Wicker

Diameter 16 inches Depth 6 inches
Standard Finish: Green, Mahogany or Old Ivory

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
†2052A	2		75		\$35.75

Diameter	18½ inches	Depth	7 inches
†862A	2	75	\$38.50
†863A	3	75	42.75
862D	2	100 or 150	39.50
863D	3	100 or 150	44.25

Diameter	23 inches	Depth	9 inches
873D	3	100 or 150	\$51.00
874D	4	100 or 150	55.75
875D	5	100 or 150	60.50

Above fixtures lined with Cretonne. If wanted lined with silk, add \$2.00.



No. 4341 Design—Brass

Diameter 12 inches Depth 6½ inches
10x12-inch Moulded White Glass Bowl
Standard Finish: Brushed Brass

Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
4341V	1	100 or 150		\$16.00
4341W	1	200		16.00

No. 4351 Design—Steel

Standard Finish: Dark Bronze

4351V	1	100 or 150		\$14.50
4351W	1	200		14.00

No. 3621 Design—Steel

Glass Bowl, Reflector, Rim and Supporting
Arms only

Diameter 12 inches Depth 6½ inches
10x12-inch Opal Glass Bowl
Standard Finish: Dark Bronze

Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
3621V	1	100 or 150		\$14.50
3621W	1	200		14.50

No. 4361 Design—Brass

Standard Finish: Brushed Brass

4361V	1	100 or 150		\$15.50
4361W	1	200		15.50

No. 2681 Design—Steel

Glass Bowl, Reflector, Rim and Supporting
Arms only

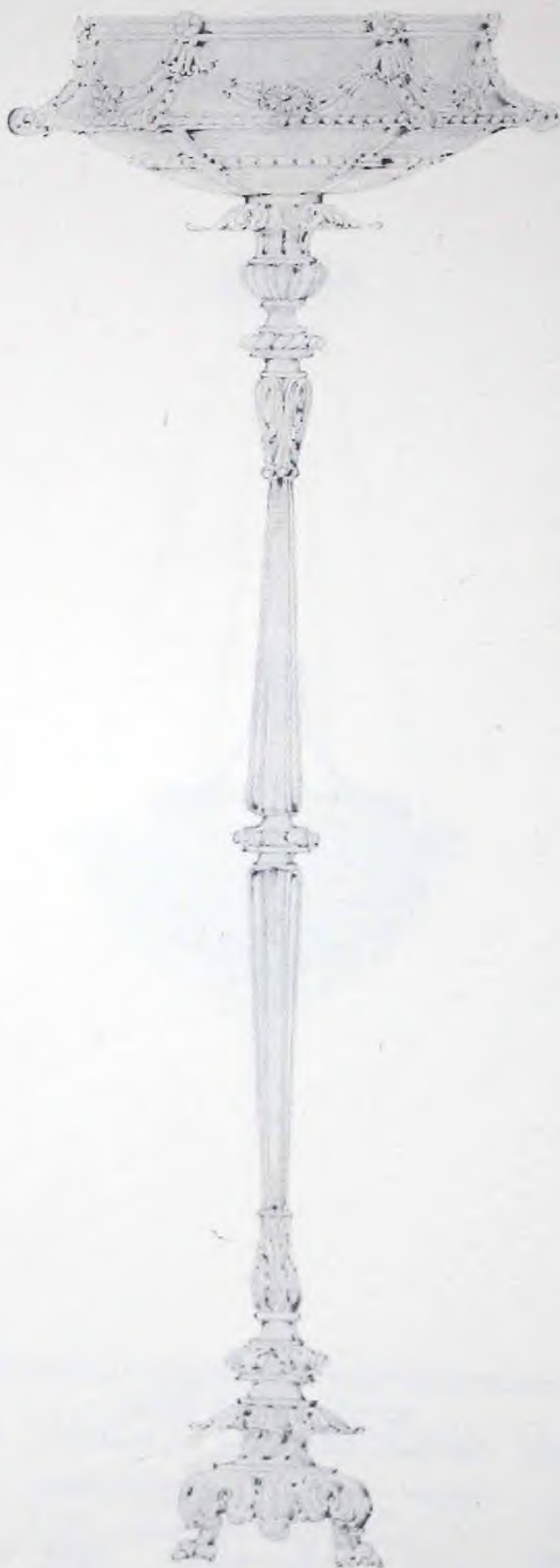
Diameter 14 inches Depth 7 inches
10-inch Ribbed Glass Bowl
Standard Finish: Dark Gold Bronze

Catalog No.	Type	Size in No. "C" Lamps	Watts	Price Each
2681V	1	100 or 150		\$17.25
2681W	1	200		17.25

No. 2691 Design—Brass

Standard Finish: Brushed Brass

2691V	1	100 or 150		\$19.25
2691W	1	200		19.25



This beautiful hand chased bronze indirect portable is only one of the many pieces designed and built by our company. The pedestal has a metal open work bowl, backed with opal glass panels.

Our designing department is especially equipped to create originally designed lighting fixtures to meet any architectural demand.

METAL FIXTURES

SECTION TWO



Let the lighting fixtures be of a design and finish to harmonize with the architecture and decorations of the building.

Metal Finishes

Finishes That May Be Applied On Any Brass Fixture

Finish No.	Description
2	Brushed Brass.

The standard finish for brass fixtures listed in our catalog is brushed brass unless otherwise specified.

Add 10% over brushed brass price for any of the following finishes:

4	Antique Brass.
13	Dark Monumental Bronze.
17	Polished Nickel.
18	Satin Nickel.
19	Oxidized Nickel.
20	Bauer Barff.
21	Light Monumental Bronze.
22	Brushed Copper.
26	Verde Antique.
27	Black Nickel.
32	Brushed Nickel.
39	Natural Bronze.

Add 20% over brushed brass price for any of the following finishes:

29	Oxidized Silver.
35	Butlers Silver.
38	Antique Gold.

Special finished can be produced to harmonize with individual color schemes. Price upon application.

Standard Finishes (One-tone) Washable, That May Be Applied On Any Steel Fixture

Finish No.	Description
28	Flat White.
33	Cream.
37	Light Cream.
41	Battleship Gray.
A	Dark Gold Bronze.
H	Silver Bronze.
M	Brushed Brass Bronze.
T	Dark Bronze.

Add 10% over standard finish price for any of the following (two-tone) finishes:

27-15	Medium Old Ivory.
27-32	Dark Old Ivory.
A15	Medium Gold Bronze.
A22	Antique Gold Bronze.
H22	Antique Silver Bronze.
P15	Roman Gold Bronze.
T42	Statuary Bronze.

Any standard finish for steel fixtures may be applied to brass fixtures at an addition of 5% to brushed brass price.

Explanation of Special Marks on Catalog Pages

†Specify on order if 40, 50 or 60 watt type "B" lamps are to be used in fixtures listed for 75 Watt Type "C" Lamps, as special reflector holders are required.

*Lamps hang tip down, suspended on an additional chain from Canopy. Not shown in illustration.

§Lamps must be ordered "Special" for tip up Burning.



No. 4052 Design—Brass

Diameter 17 inches Depth 8 inches
Standard Finish: Antique Gold

Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†4052A	2	75	\$83.00
†4053A	3	75	87.25
†4054A	4	75	91.50
4052D	2	100 or 150	84.00
4053D	3	100 or 150	88.75

No. 3723 Design—Brass

Diameter 21 inches Depth 8 ½ inches
Standard Finish: Natural Bronze with Shaded Castings

Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†3723A	3	75	\$123.00
†3724A	4	75	127.25
3723D	3	100 or 150	124.50
3724D	4	100 or 150	129.25

No. 2753 Design—Brass

Diameter 20 inches Depth 9 inches
Standard Finish: Antique Nickel

Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†2753A	3	75	\$118.25
†2754A	4	75	122.50
2753D	3	100 or 150	119.75
2754D	4	100 or 150	124.50



No. 2782 Design—Brass

Diameter 17 inches Depth 5 inches
Standard Finish: Brushed Nickel

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†2782A	2	75	\$85.50
†2783A	3	75	89.75
†2784A	4	75	94.00
2782D	2	100 or 150	86.50
2783D	3	100 or 150	91.25

No. 3693 Design—Steel

Diameter 20 inches Depth 6½ inches
Standard Finish: Dark Bronze

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†3693A	3	75	\$50.00
†3694A	4	75	54.25
3693D	3	100 or 150	51.50
3694D	4	100 or 150	56.25

No. 3313 Design—Brass

Diameter 18½ inches Depth 6 inches
Standard Finish: Antique Brass

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†3313A	3	75	\$73.00
†3314A	4	75	77.25
3313D	3	100 or 150	74.50
3314D	4	100 or 150	79.25



No. 4083 Design—Brass

Diameter 20 inches Depth 8 inches
Standard Finish: Light Monumental Bronze

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†4083A	3	75		\$58.50
†4084A	4	75		62.75
4083D	3	100 or 150		60.00
4084D	4	100 or 150		64.75

No. 3353 Design—Brass

Diameter 18½ inches Depth 8 inches
Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†3353A	3	75		\$74.00
†3354A	4	75		78.25
3353D	3	100 or 150		75.50
3354D	4	100 or 150		80.25

No. 3711 Design—Brass

Diameter 14 inches Depth 12 inches
Standard Finish: Natural Bronze with
Shaded Castings

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
3711J	1	100 or 150		\$38.50
3711K	1	200		38.50



No. 3232 Design—Brass

Diameter 17 inches Depth 5 inches
Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†3232A	2	75		\$47.00
†3233A	3	75		51.25
†3234A	4	75		55.50
3232D	2	100 or 150		48.00
3233D	3	100 or 150		52.75

No. 4092 Design—Brass

Diameter 17 inches Depth 5 inches
Standard Finish

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†4092A	2	75		\$85.50
†4093A	3	75		89.75
†4094A	4	75		94.00
4092D	2	100 or 150		86.50
4093D	3	100 or 150		91.25

No. 3083 Design—Brass

Diameter 18½ inches Depth 6 inches
Standard Finish: Antique Brass

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†3083A	3	75		\$73.00
†3084A	4	75		77.25
3082D	3	100 or 150		74.50
3084D	4	100 or 150		79.25

Add \$5.00 if wanted equipped with Electrolux Pull Switch described on Page 5.



No. 3462 Design—Brass

Diameter 14 inches Depth 4 $\frac{3}{4}$ inches
Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†3462A	2	75		\$40.00
†3463A	3	75		44.25
3462D	2	100 or 150		41.00

Diameter 18 $\frac{1}{2}$ inches Depth 6 inches

†3473A	3	75		\$45.75
†3474A	4	75		50.00
3473D	3	100 or 150		47.25
3474D	4	100 or 150		52.00

No. 1393 Design—Brass

Diameter 20 inches Depth 6 $\frac{1}{2}$ inches
Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†1393A	3	75		\$55.75
†1394A	4	75		60.00
1393D	3	100 or 150		57.25
1394D	4	100 or 150		62.00

Add \$5.00 if wanted equipped with Electrolux Pull Switch described on Page 5.

No. 4103 Design—Brass

Diameter 17 inches Depth 12 $\frac{1}{2}$ inches
Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in "C" Lamps	Watts	Price Each
†4103A	3	75		\$52.50
4102D	2	100 or 150		49.25
4103D	3	100 or 150		54.00

Metal Rope Tubing and Stamped Metal Tassel used.



No. 83 Design—Brass

Diameter 14 inches Depth 4 1/4 inches
Standard Finish: Brushed Brass

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Walls	Each
†72A	2	75	\$40.00
†73A	3	75	44.25
72D	2	100 or 150	41.00

Above fixture has Three Chain Suspension.
Diameter 18 1/4 inches Depth 6 inches

†83A	3	75	\$45.75
†84A	4	75	50.00
83D	3	100 or 150	47.25
84D	4	100 or 150	52.00

Add \$5.00 if wanted equipped with Electrolux Pull Switch described on Page 5.

No. 4111 Design—Brass

Diameter 18 1/4 inches Depth 7 1/4 inches
Standard Finish: Antique Brass

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Walls	Each
4111W	1	200	\$38.50
4111M	1	300, 400 or 500	43.25

No. 2762 Design—Steel

Diameter 16 inches Depth 6 1/2 inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Walls	Each
†2762A	2	75	\$30.75
†2763A	3	75	35.00
2762D	2	100 or 150	31.75



No. 1073 Design—Steel

Diameter 16 inches Depth 6½ inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†2362A	2	75	\$27.25
†2363A	3	75	31.50
2362D	2	100 or 150	28.25

Above Bowl has Three Chain Suspension.
Diameter 20 inches Depth 6½ inches

†1073A	3	75	\$36.00
†1074A	4	75	40.25
1073D	3	100 or 150	37.50
1074D	4	100 or 150	42.25

Add \$5.00 if wanted equipped with Elec-
trolier Pull Switch described on Page 5.

No. 3111 Design—Steel

Diameter 18½ inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
3111W	1	200	\$29.50
3111M	1	300, 400 or 500	34.25

No. 3013 Design—Steel

Diameter 18½ inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†3013A	3	75	\$35.75
†3014A	4	75	40.00
3013D	3	100 or 150	37.25
3014D	4	100 or 150	42.00
*3011W	1	200	30.75
*3011M	1	300, 400 or 500	35.50



No. 83 Design—Brass

Diameter 14 inches Depth 4 5/8 inches
Standard Finish: Brushed Brass

Catalog No.	No. "C" Lamps	Type Size in Walls	Price Each
†72A	2	75	\$40.00
†73A	3	75	44.25
72D	2	100 or 150	41.00

Above fixture has Three Chain Suspension.
Diameter 18 1/4 inches Depth 6 inches

†83A	3	75	\$45.75
†84A	4	75	50.00
83D	3	100 or 150	47.25
84D	4	100 or 150	52.00

Add \$5.00 if wanted equipped with Electrolier Pull Switch described on Page 5.

No. 4111 Design—Brass

Diameter 18 1/4 inches Depth 7 1/4 inches
Standard Finish: Antique Brass

Catalog No.	No. "C" Lamps	Type Size in Walls	Price Each
4111W	1	200	\$38.50
4111M	1	300, 400 or 500	43.25

No. 2762 Design—Steel

Diameter 16 inches Depth 6 1/2 inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

Catalog No.	No. "C" Lamps	Type Size in Walls	Price Each
†2762A	2	75	\$30.75
†2763A	3	75	35.00
2762D	2	100 or 150	31.75



No. 1073 Design—Steel

Diameter 16 inches Depth 6 1/4 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†2362A	2	75	\$27.25
†2363A	3	75	31.50
2362D	2	100 or 150	28.25

Above Bowl has Three Chain Suspension.

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†1073A	3	75	\$36.00
†1074A	4	75	40.25
1073D	3	100 or 150	37.50
1074D	4	100 or 150	42.25

Add \$5.00 if wanted equipped with Elec-
troller Pull Switch described on Page 5.

No. 3111 Design—Steel

Diameter 18 1/2 inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
3111W	1	200	\$29.50
3111M	1	300, 400 or 500	34.25

No. 3013 Design—Steel

Diameter 18 1/2 inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†3013A	3	75	\$35.75
†3014A	4	75	40.00
3013D	3	100 or 150	37.25
3014D	4	100 or 150	42.00
*3011W	1	200	30.75
*3011M	1	300, 400 or 500	35.50



No. 31 Design—Brass

Diameter 13 inches Depth 8 inches
Standard Finish: Sand Blast with Brushed
Brass High Lights

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
31J	1		100 or 150		\$26.50
31K	1		200		26.50

No. 3321 Design—Brass

Diameter 14 inches Depth 8 inches
Standard Finish: Brushed Brass

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
3321V	1		100 or 150		\$25.75
3321W	1		200		25.75
3321M	1		300		31.25

No. 961 Design—Brass

Diameter 14 inches Depth 6 inches
Standard Finish: Brushed Brass

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
961D	1		100 or 150		\$27.25
961F	1		200		27.75
962A	2		75		31.75
971D	1		100 or 150		22.75
971F	1		200		23.25
972A	2		75		27.25

*Fixture Furnished with Oval Link Chain
instead of fancy chain shown.



No. 241 Design—Brass

Diameter 9 $\frac{3}{4}$ inches Depth 5 $\frac{3}{4}$ inches
Standard Finish: Brushed Brass

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
181V	1		100 or 150		\$15.25
181W	1		200		15.25
Diameter 12 $\frac{1}{4}$ inches Depth 6 $\frac{1}{4}$ inches					
211V	1		100 or 150		\$19.75
211W	1		200		19.75
211M	1		300		24.50
Diameter 14 $\frac{1}{4}$ inches Depth 8 $\frac{1}{4}$ inches					
241W	1		200		\$22.50
241M	1		300, 400 or 500		28.00

No. 1162 Design—Steel

Diameter 14 inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
†1162A	2		75		\$24.00
1161D	1		100 or 150		19.50
1161F	1		200		20.00
*1161W	1		200		23.25
*1161M	1		300, 400 or 500		28.00
Diameter 19 inches Depth 7 $\frac{1}{4}$ inches					
†2383A	3		75		\$32.75
†2384A	4		75		37.00
2383D	3		100 or 150		34.25
*2381W	1		200		27.75
*2381M	1		300, 400 or 500		32.50
*2381E	1		750 or 1000		37.00

No. 3681 Design—Brass

Diameter 13 inches Depth 8 inches
Standard Finish: Sand Blast with Brushed
Brass High Lights

Catalog No.	No.	Type	Size in "C" Lamps	Watts	Price Each
3681V	1		100 or 150		\$22.75
3681W	1		200		22.75



No. 1321 Design—Steel

Diameter 14 inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No.	Type	Size in Lamps Walls	Price Each
1321V	1	100 or 150		\$17.75
1321W	1	200		17.75
1321M	1	300, 400 or 500		23.25

No. 2281 Design—Brass

Standard Finish: Brushed Brass

2281V	1	100 or 150		\$19.75
2281W	1	200		19.75
2281M	1	300, 400 or 500		25.25

No. 121 Design—Brass

Diameter 11 inches Depth 10 inches
Standard Finish: Brushed Brass

Catalog No.	No.	Type	Size in Lamps Walls	Price Each
121J	1	100 or 150		\$37.50
121K	1	200		37.50
131L	1	300, 400 or 500		43.50

No. 2271 Design—Steel

Diameter 9 3/4 inches Depth 5 3/4 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No.	Type	Size in Lamps Walls	Price Each
2271V	1	100 or 150		\$13.25
2271W	1	200		13.25
1841V	1	100 or 150		\$17.50
1841W	1	200		17.50
1841M	1	300		22.25
2351W	1	200		\$19.25
2351M	1	300, 400 or 500		24.75



No. 1831 Design—Steel

Diameter 18½ inches Depth 9½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each
1831W	1	200	\$22.00
1831M	1	300, 400 or 500	26.75
1831E	1	750 or 1000	31.25

No. 1951 Design—Steel

Diameter 19 inches Depth 7½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each
1951W	1	200	\$25.25
1951M	1	300, 400 or 500	30.00
1951E	1	750 or 1000	34.50

No. 1221 Design—Steel

Diameter 18½ inches Depth 9½ inches
Standard Finish: (Washable) Flat White, Cream or Dark Gold Bronze

Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each
1221W	1	200	\$22.00
1221M	1	300, 400 or 500	26.75
1221E	1	750 or 1000	31.25



No. 151 Design—Steel

Diameter 18½ inches Depth 13 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Bronze

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
\$151K	1		200	\$19.00
\$151L	1		300, 400 or 500	23.75
*151W	1		200	22.00
*151M	1		300, 400 or 500	26.75
*151E	1		750 or 1000	31.25

No. 3673 Design—Steel

Diameter 18 inches Depth 12 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
3673A	3		75	\$39.00
3674A	4		75	43.25
3673D	3		100 or 150	40.50
3674D	4		100 or 150	45.25

No. 1801 Design—Steel

Diameter 18½ inches Depth 9½ inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
1801W	1		200	\$22.00
1801M	1		300, 400 or 500	26.75
1801E	1		750 or 1000	31.25



No. 941 Design—Steel

Diameter 9 3/4 inches		Depth 5 3/4 inches	
Standard Finish: (Washable) Flat White			
Catalog No. of Type		Size in	Price
No.	"C" Lamps	Watts	Each
941V	1	100 or 150	\$14.50
941W	1	200	14.50
Diameter 12 1/4 inches		Depth 6 1/4 inches	
4121W	1	200	\$18.75
4121M	1	300	23.50

No. 983 Design—Steel

Diameter 16 inches		Depth 6 inches	
Standard Finish: (Washable) Flat White			
Catalog No.	of Type	Size in "C" Lamps	Price Each
†2342A	2	75	\$29.75
†2343A	3	75	34.00
2342D	2	100 or 150	30.75
Diameter 20 inches		Depth 6 1/4 inches	
†983A	3	75	\$37.75
†984A	4	75	42.00
983D	3	100 or 150	39.25
984D	4	100 or 150	44.00

Add \$5.00 if wanted equipped with Electrolux Pull Switch described on Page 5.

No. 1332 Design—Steel

Diameter 14 inches		Depth 6 inches	
Standard Finish: (Washable) Flat White			
Catalog No.	of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†1332A	2	75	\$28.00

Add \$5.00 if wanted equipped with Electrolux Pull Switch described on Page 5.



No. 1711 Design—Steel
Bowl, Reflector and Supporting
Arms Only

Diameter 14 inches Depth 6 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
1711V	1	100 or 150	\$12.00	
1711W	1	200	12.00	
1711M	1	300, 400 or 500	16.00	

No. 2481 Design—Brass

Standard Finish: Brushed Brass

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
2481V	1	100 or 150	\$14.00	
2481W	1	200	14.00	
2481M	1	300, 400 or 500	18.00	

No. 1721 Design—Brass
Bowl, Reflector and Supporting
Arms Only

Diameter 9 3/4 inches Depth 5 1/4 inches
Standard Finish: Brushed Brass

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
191V	1	100 or 150	\$9.50	
191W	1	200	9.50	

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
221V	1	100 or 150	\$14.00	
221W	1	200	14.00	
221M	1	300	17.25	

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
1721V	1	100 or 150	\$16.75	
1721W	1	200	16.75	
1721M	1	300, 400 or 500	20.75	

No. 901 Design—Steel
Bowl, Reflector and Supporting
Arms Only

Diameter 9 3/4 inches Depth 5 3/4 inches
Standard Finish: (Washable) Flat White,
Cream or Dark Gold Bronze

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
901V	1	100 or 150	\$7.50	
901W	1	200	7.50	

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
1691V	1	100 or 150	\$11.75	
1691W	1	200	11.75	
1691M	1	300	15.00	

Catalog No.	No. "C"	Type	Size in Lamps Watts	Price Each
2371V	1	100 or 150	\$13.50	
2371W	1	200	13.50	
2371M	1	300, 400 or 500	17.50	

COMPONE FIXTURES

SECTION THREE



Our competent designing staff and our efficient engineering department co-operate with the buyer of illumination to render a lighting service at once perfect and complete.

Compone Finishes

We list below a schedule of Bronze and Ivory finishes adequate to satisfy the decorative demands of 90% of all interiors. Special finishes can be produced to harmonize with individual color schemes. Upon such special finishes quotations will be made.

In general our experience has shown that indirect lighting fixtures present by far their best appearance when finished in a light color such as Ivory or Old Ivory, and we strongly recommend these finishes in every case where they can be used.

Standard Compone

Finish No.	Description.
A14.	Rose Gold.
A15.	Medium Gold.
A17.	Dark Gold.
A22.	Antique Gold.
C22.	Antique Brass.
D10.	Copper Bronze, Light Verde Antique.
D12.	Copper Bronze, Dark Verde Antique.
D22.	Antique Copper.
E10.	Gold Bronze, Light Verde Antique.
E12.	Gold Bronze, Dark Verde Antique.
M.	Brushed Brass.
P15.	Roman Gold.
R22.	Antique Copper Bronze.
T42.	Statuary Bronze.

Add 10% for any of the following finishes:

- 27-15. Medium Old Ivory—Heavy Shading—Dark Yellow Tone.
- 27-32. Standard Old Ivory—Heavy Shading—Dark Brown Tone.
- 4047S. Special Old Ivory—Very Light Shading—Yellow Tone.

27HL. Ivory with Gold High Lights.

Add 15% for the following Finish:

- 27-15HL. Rich Old Ivory with Gold High Lights.

¶Burnished Compone

Finish No.	Description
XXG12.	Dark Statuary Bronze, Verde Antique.
XXG15.	Light Statuary Bronze.
XXG22.	Dark Statuary Bronze.
XXP14.	Rose Gold.
XXR22.	Antique Copper.
XXH17.	Tarnished Silver.
XXH22.	Oxidized Silver.

¶For estimating add approximately 40% to price of fixture for any Burnished finish listed above. Definite price upon application.

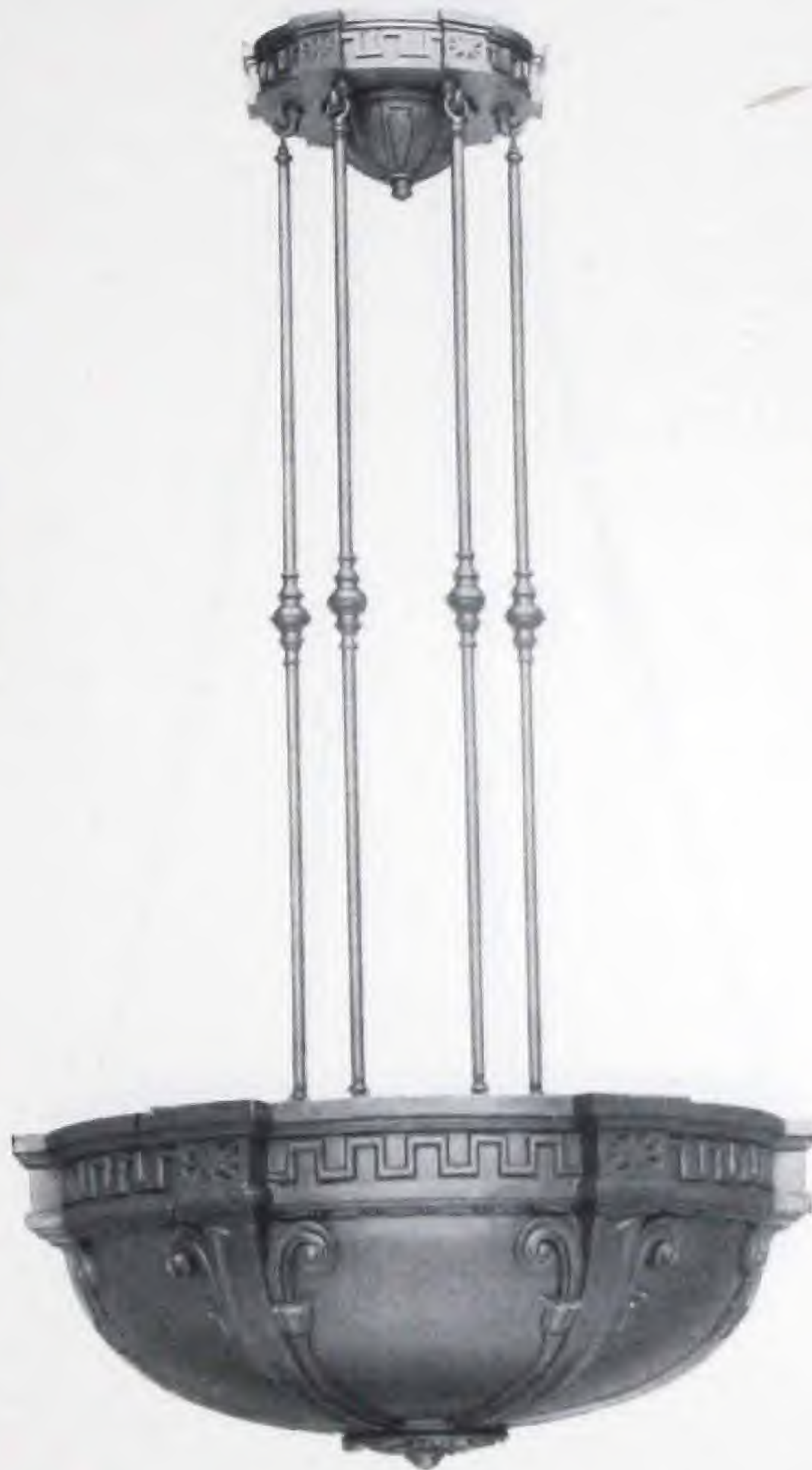
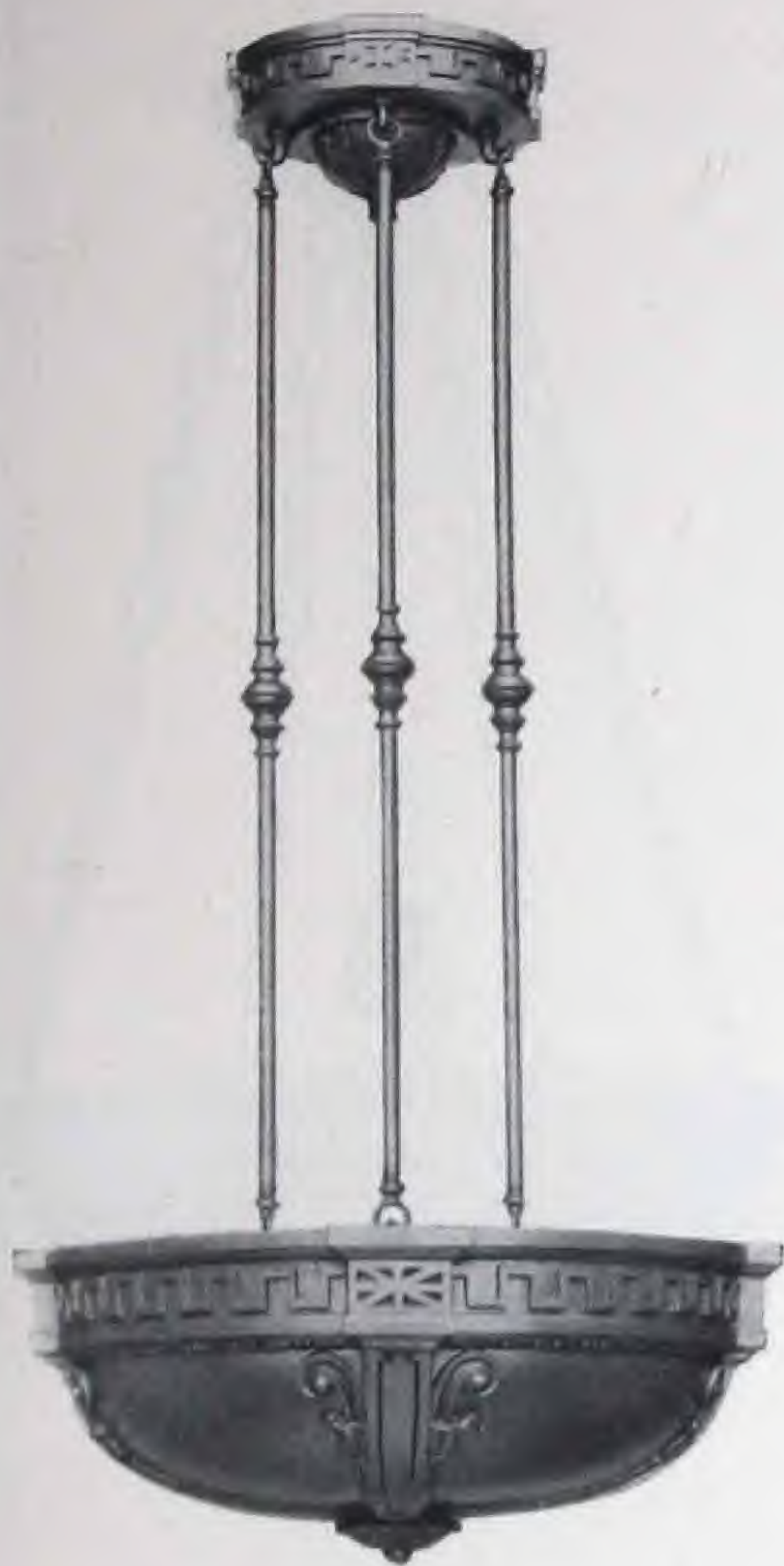
Explanation of Special Marks on Catalog Pages

*Lamps hang tip down, suspended on an additional chain (or rod) from Canopy. Not shown in illustration.

§Lamps must be ordered "Special" for tip up burning.

†Specify on order if 40, 50 or 60 watt type "B" lamps are to be used in fixtures listed for 75 Watt Type "C" Lamps, as special reflector holders are required.





No. 3422 Design—Compone

Diameter 16 inches		Depth 8 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†3422A	2	75	\$62.00
†3423A	3	75	66.25
3422D	2	100 or 150	63.00
Diameter 23 inches		Depth 9 inches	
3432D	2	100 or 150	\$75.00
3433D	3	100 or 150	79.75
3434D	4	100 or 150	84.50
4-Rod Suspension			

No. 2154 Design—Compone

Diameter 30 inches		Depth 12 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
2154J	4	100 or 150	\$108.00
2155J	5	100 or 150	114.25
§2154K	4	200	108.00
§2155K	5	200	114.25
Diameter 42 inches		Depth 18 inches	
§3413L	3	300, 400 or 500	\$158.00
§3414L	4	300, 400 or 500	169.50
§3415L	5	300, 400 or 500	181.00
§3416L	6	300, 400 or 500	192.50
6-Rod Suspension			

No. 1942 Design—Compone

Diameter 21 inches		Depth 12½ inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
1942D	2	100 or 150	\$70.00
1943D	3	100 or 150	74.75
*1941W	1	200	68.25
*1941M	1	300, 400 or 500	73.00
4-Rod Suspension			



No. 3242 Design—Compone

Diameter 16 inches		Depth 9 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†3242A	2	75	\$49.75
†3243A	3	75	54.00
3242D	2	100 or 150	50.75
Diameter 22 inches		Depth 13½ inches	
†3253A	3	75	\$63.50
†3254A	4	75	67.75
3253D	3	100 or 150	65.00
3254D	4	100 or 150	69.75

No. 374 Design—Compone

Diameter 35½ inches		Depth 21¼ inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
§374K	4	200	\$96.00
§375K	5	200	102.25
§373L	3	300, 400 or 500	105.00
*371E	1	750 or 1000	90.25
Diameter 42½ inches		Depth 24¼ inches	
§385K	5	200	\$125.75
§386K	6	200	132.00
§384L	4	300, 400 or 500	140.00
§385L	5	300, 400 or 500	151.50
§386L	6	300, 400 or 500	163.00
*381E	1	750 or 1000	113.75

No. 1631 Design—Compone

Diameter 16 inches		Depth 9 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
2092A	2	75	\$49.75
2093A	3	75	54.00
2091V	1	100 or 150	49.00
2091W	1	200	49.00
Diameter 22 inches		Depth 13½ inches	
1631W	1	200	\$60.00
1631M	1	300, 400 or 500	64.75
1631E	1	750 or 1000	69.25



No. 3502 Design—Compone

Diameter 16 inches		Depth 6 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†3502A	2	75	\$46.50
†3503A	3	75	50.75
3502D	2	100 or 150	47.50
Diameter 18 inches		Depth 7½ inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†3513A	3	75	\$57.75
†3514A	4	75	62.00
3512D	2	100 or 150	54.50
3513D	3	100 or 150	59.25

Metal Canopy Used

No. 2503 Design—Compone

Diameter 30 inches		Depth 11 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
2504J	4	100 or 150	\$108.00
2505J	5	100 or 150	114.25
§2504K	4	200	108.00
§2505K	5	200	114.25
Diameter 42 inches		Depth 18 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
§4133L	3	300, 400 or 500	\$158.00
§4134L	4	300, 400 or 500	169.50
§4135L	5	300, 400 or 500	181.00
§4136L	6	300, 400 or 500	192.50

6-Rod Suspension

No. 3442 Design—Compone

Diameter 20 inches		Depth 9 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†3442A	2	75	\$70.75
†3443A	3	75	75.00
3442D	2	100 or 150	71.75
3443D	3	100 or 150	76.50

3-Rod Suspension



No. 2733 Design—Compone				
Diameter 20 inches		Depth 8 inches		
Catalog No.	No. of Type	Size in	Price	
No.	"C" Lamps	Watts	Each	
†2733A	3	75	\$70.25	
†2734A	4	75	74.50	
2732D	2	100 or 150	67.00	
2733D	3	100 or 150	71.75	
*2731W	1	200	65.25	
*2731M	1	300, 400 or 500	70.00	

No. 2723 Design—Compone				
Diameter 42 inches		Depth 18 inches		
Catalog No.	No. of Type	Size in	Price	
No.	"C" Lamps	Watts	Each	
§4153L	3	300, 400 or 500	\$155.00	
§4154L	4	300, 400 or 500	166.50	
§4155L	7	300, 400 or 500	178.00	
Diameter 54 inches		Depth 24 inches		
§2725L	5	300, 400 or 500	\$275.00	
§2726L	6	300, 400 or 500	286.50	
§2727L	7	300, 400 or 500	298.00	
4-Rod Suspension				

No. 1622 Design—Compone				
Diameter 16 inches		Depth 6 inches		
Catalog No.	No. of Type	Size in	Price	
No.	"C" Lamps	Watts	Each	
†1622A	2	75	\$47.25	
†1623A	3	75	51.50	
1621D	1	100 or 150	42.75	
§1621F	1	200	43.25	
1622D	2	100 or 150	48.25	
*1621W	1	200	46.50	
Above Bowl has 3-Chain Suspension				
Diameter 18 inches		Depth 7½ inches		
†2013A	3	75	\$59.50	
†2014A	4	75	63.75	
2012D	2	100 or 150	56.25	
2013D	3	100 or 150	61.00	
*2011W	1	200	54.50	
*2011M	1	300, 400 or 500	59.25	
4-Chain Suspension				



No. 2102 Design—Compone

Diameter 16 inches		Depth 8 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†2102A	2	75	\$50.50
†2103A	3	75	54.75
2102D	2	100 or 150	51.50
*2101V	1	100 or 150	49.75
*2101W	1	200	49.75
Diameter 23 inches		Depth 9 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
3362D	2	100 or 150	\$63.75
3363D	3	100 or 150	68.50
3364D	4	100 or 150	73.25
*3361W	1	200	62.00
*3361M	1	300, 400 or 500	66.75

4-Chain Suspension

No. 1824 Design—Compone

Diameter 30 inches		Depth 12 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
1824J	4	100 or 150	\$93.50
1825J	5	100 or 150	99.75
§1824K	4	200	93.50
§1825K	5	200	99.75
*1821M	1	300, 400 or 500	83.25
*1821E	1	750 or 1000	87.75
Diameter 42 inches		Depth 18 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
§3373L	3	300, 400 or 500	\$143.50
§3374L	4	300, 400 or 500	155.00
§3375L	5	300, 400 or 500	166.50
§3376L	6	300, 400 or 500	178.00
*3371E	1	750 or 1000	128.75

6-Chain Suspension

No. 4142 Design—Compone

Diameter 22 inches		Depth 9½ inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
4142D	2	100 or 150	\$78.00
4143D	3	100 or 150	82.75
4144D	4	100 or 150	87.50



No. 1742 Design—Compone

Diameter 17 inches		Depth 6½ inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
†1742A	2	75	\$61.75
†1743A	3	75	66.00
1741D	1	100 or 150	57.25
1742D	2	100 or 150	62.75
*1741V	1	100 or 150	61.00
*1741W	1	200	61.00

No. 2904 Design—Compone

Diameter 30 inches		Depth 12 inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
2904J	4	100 or 150	\$94.00
2905J	5	100 or 150	10.25
§2904K	4	200	94.00
§2905K	5	200	100.25

4-Chain Suspension

No. 4162 Design—Compone

Diameter 22 inches		Depth 9½ inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
4162D	2	100 or 150	\$55.00
4163D	3	100 or 150	59.75
4164D	4	100 or 150	64.50



No. 524 Design—Compone

Diameter 24 inches		Depth 8 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†524A	4	75	\$71.00
†525A	5	75	75.25
523D	3	100 or 150	68.25
524D	4	100 or 150	73.00
*521W	1	200	61.75
*521M	1	300, 400 or 500	66.50

No. 534 Design—Compone

Diameter 30 inches		Depth 16 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
534J	4	100 or 150	\$86.75
535J	5	100 or 150	93.00
§534K	4	200	86.75
§535K	5	200	93.00
*531M	1	300, 400 or 500	76.50
*531E	1	750 or 1000	81.00
Diameter 34 inches		Depth 16 inches	
§545K	5	200	\$96.00
§546K	6	200	102.25
*541E	1	750 or 1000	84.00

No. 2021 Design—Compone

Diameter 16 inches		Depth 6 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
2541V	1	100 or 150	\$37.50
2541W	1	200	37.50
2541M	1	300, 400 or 500	42.25
Diameter 18 inches		Depth 7 1/2 inches	
2021W	1	200	\$44.50
2021M	1	300, 400 or 500	49.25

Metal Canopy used



No. 933 Design—Compone

Diameter 22½ inches		Depth 6 inches	
Catalog No.	No. of Type "C" Lamps	Size in Walls	Price Each
†933A	3	75	\$70.00
†934A	4	75	74.25
932D	2	100 or 150	66.75
933D	3	100 or 150	71.50

Add 40% for the following finishes:
 (A) Butlers Silver with Burnished high lights.
 (B) Old Venetian Gold with Grapes high lighted.
 (C) Natural Colors.

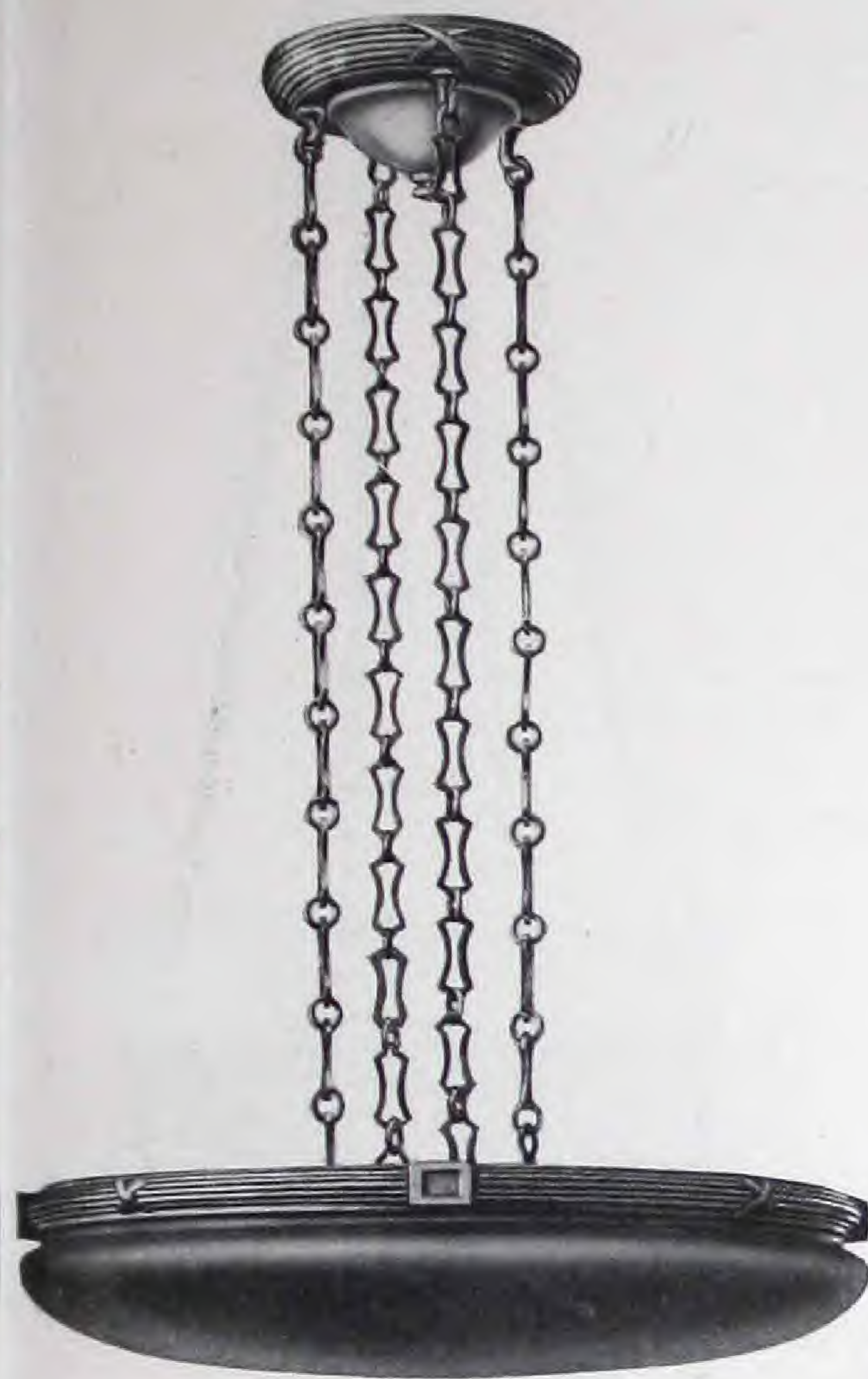
No. 1304 Design—Compone

Diameter 34 inches		Depth 16 inches	
Catalog No.	No. of Type "C" Lamps	Size in Walls	Price Each
1304J	4	100 or 150	\$89.50
1305J	5	100 or 150	95.75
1306J	6	100 or 150	102.00
§1304K	4	200	89.50
§1305K	5	200	95.75
§1306K	6	200	102.00
*1301E	1	750 or 1000	83.75

No. 1353 Design—Compone

Diameter 24 inches		Depth 9¼ inches	
Catalog No.	No. of Type "C" Lamps	Size in Walls	Price Each
1353D	3	100 or 150	\$67.50
1354D	4	100 or 150	72.25
1355D	5	100 or 150	77.00
*1351W	1	200	61.00
*1351M	1	300, 400 or 500	65.75

4-Chain Suspension



No. 643 Design—Compone

Diameter 18 inches		Depth 5 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†1862A	2	75	\$61.50
†1863A	3	75	65.75
1862D	2	100 or 150	62.50
Diameter 24 inches		Depth 5 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†643A	3	75	\$74.25
†644A	4	75	78.50
†645A	5	75	82.75
643D	3	100 or 150	75.75
644D	4	100 or 150	80.50

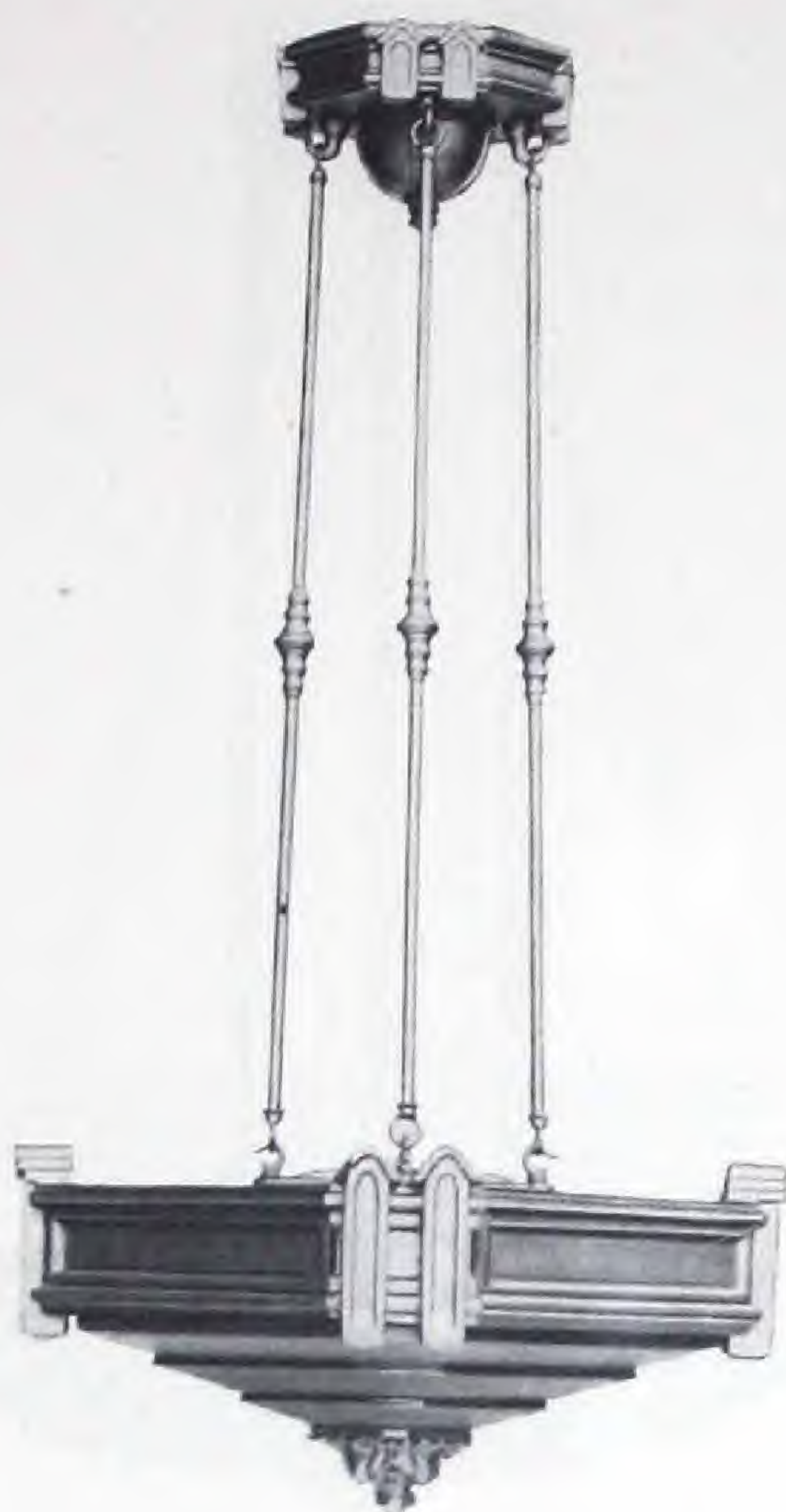
No. 454 Design—Compone

Diameter 26 3/4 inches		Depth 11 3/4 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
443J	3	100 or 150	\$78.00
§443K	3	200	78.00
*441M	1	300, 400 or 500	74.00
*441E	1	750 or 1000	78.50
Diameter 30 1/4 inches		Depth 14 1/2 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
454J	4	100 or 150	\$85.00
455J	5	100 or 150	91.25
§454K	4	200	85.00
*451M	1	300, 400 or 500	74.75
*451E	1	750 or 1000	79.25
Diameter 42 inches		Depth 18 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
§463L	3	300, 400 or 500	\$134.00
§464L	4	300, 400 or 500	145.50
§465L	5	300, 400 or 500	157.00

No. 3382 Design—Compone

Diameter 19 inches		Depth 5 1/4 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†3382A	2	75	\$55.50
†3383A	3	75	59.75
3382D	2	100 or 150	56.50
Diameter 22 1/2 inches		Depth 5 3/4 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†3393A	3	75	\$68.50
†3394A	4	75	72.75
3392D	2	100 or 150	65.25
3393D	3	100 or 150	70.00

4-Chain Suspension



No. 4172 Design—Compone

Diameter 20 inches		Depth 7 1/4 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
4172A	2	75	\$80.50
4173A	3	75	84.75
4172D	2	100 or 150	81.50
4173D	3	100 or 150	86.25

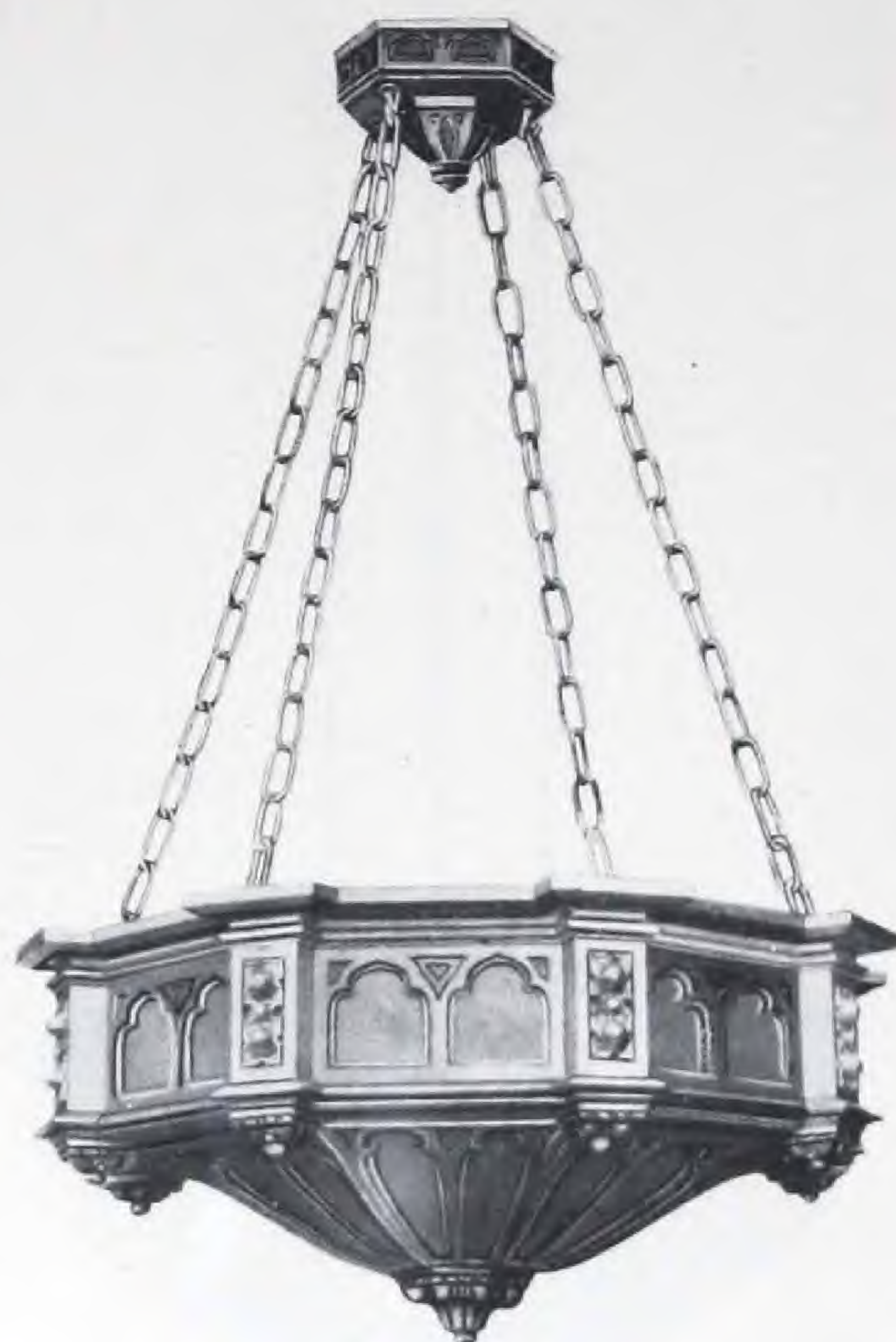
4-Rod Suspension

No. 3853 Design—Compone

Diameter 22 inches		Depth 22 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
3853A	3	75	\$115.00
3853D	3	100 or 150	116.50
Diameter 36 inches		Depth 36 inches	
§3824K	4	200	\$177.50
§3825K	5	200	183.75
§3823L	3	300, 400 or 500	186.50

No. 1042 Design—Compone

Diameter 20 inches		Depth 10 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
†1042A	2	75	\$63.00
†1043A	3	75	67.25
†1044A	4	75	71.50
1042D	2	100 or 150	64.00
1043D	3	100 or 150	68.75
*1041W	1	200	62.25
*1041M	1	300, 400 or 500	67.00



No. 571 Design—Compone

Diameter 16 inches		Depth 13 $\frac{3}{8}$ inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
571J	1	100 or 150	\$53.50
§571K	1	200	53.50
*571W	1	200	56.50
Diameter 23 inches		Depth 15 inches	
*1461W	1	200	\$66.50
*1461M	1	300, 400 or 500	71.25

No. 614 Design—Compone

Diameter 60 inches		Depth 19 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
§614L	4	300, 400 or 500	\$267.50
§615L	5	300, 400 or 500	279.00
§616L	6	300, 400 or 500	290.50
§617L	7	300, 400 or 500	302.00

No. 594 Design—Compone

Diameter 32 inches		Depth 14 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
594J	4	100 or 150	\$105.50
595J	5	100 or 150	111.75
§594K	4	200	105.50
§595K	5	200	111.75
*591M	1	300, 400 or 500	95.25
*591E	1	750 or 1000	99.75
Diameter 40 inches		Depth 15 inches	
§605K	5	200	\$124.25
§606K	6	200	130.50
§603L	3	300, 400 or 500	127.00
§604L	4	300, 400 or 500	138.50
*601E	1	750 or 1000	112.25



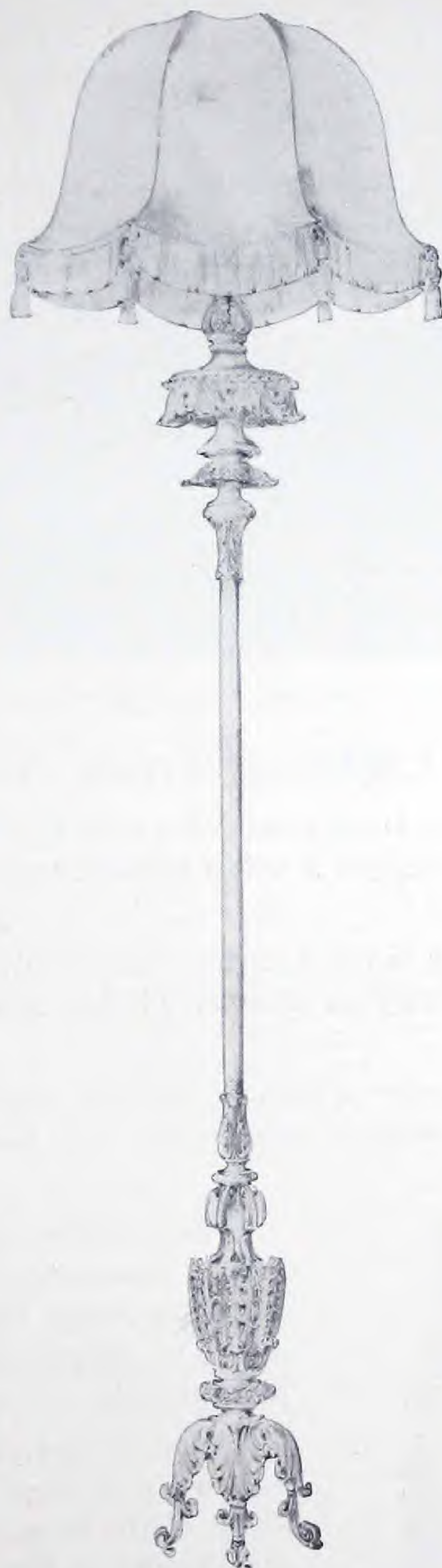
No. 4183 Design—Compone			
Diameter 20 inches		Depth 12 3/4 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
4183D	3	100 or 150	\$74.75
4184D	4	100 or 150	79.50
Diameter 21 inches		Depth 11 inches	
4194J	4	100 or 150	\$89.00
4195J	5	100 or 150	95.25
4194K	4	200	90.00
4195K	5	200	95.25
4-Rod Suspension			

No. 4204 Design—Compone			
Diameter 30 inches		Depth 16 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
4204J	4	100 or 150	\$82.50
4205J	5	100 or 150	88.75
4204K	4	200	82.50
4205K	5	200	88.75

No. 4214 Design—Compone			
Diameter 24 inches		Depth 13 inches	
Catalog No.	No. of Type "C" Lamps	Size in Watts	Price Each
4214A	4	75	\$77.00
4213D	3	100 or 150	74.25
4214D	4	100 or 150	79.00
4-Chain Suspension			

CURTIS LAMPS

SECTION FOUR



Art lamps can now be made more useful by combining indirect lighting with their well recognized decorative features.



Illumination from an art lamp as it is ordinarily used, giving one bright spot directly under the lamp.

Indirect Lighting From Art Lamps

The photograph shown above illustrates a typical living room lighted by the ordinary table lamp. The soft warm glow of the silk shade is charming and yet it would be hardly possible to read or play cards by that light, except directly around the table.

The art lamp has found great favor in the American home and yet in most instances it is of little or no value from a utilitarian standpoint. Merely an ornament, it has been developed to the highest degree along that line.

With the rapidly increasing popularity of indirect lighting, made possible by the high efficiency of the X-Ray Reflector, the idea of combining indirect lighting and these beautiful art lamps was given serious consideration.



To make the art lamp flood the entire room with clear, bright, illumination as well as light the area immediately under the lamp, the Curtis Indirect Adapter was developed. This adapter is concealed within the silk shade, so that in appearance the art lamp remains unchanged.

Look at the picture at the top of the adjoining page and see how the Curtis Adapter, hidden within the silk shade of the lamp, illuminates the entire room. No lighting fixtures on the ceiling are necessary.

The special feature of the Curtis Indirect Adapter is the large X-Ray Reflector. This opaque, silvered, mirror reflector controls all the light from one large lamp bulb and directs it to the ceiling just as do the reflectors in X-Ray Indirect fixtures. From the ceiling the light is diffused throughout every corner and part of the room.



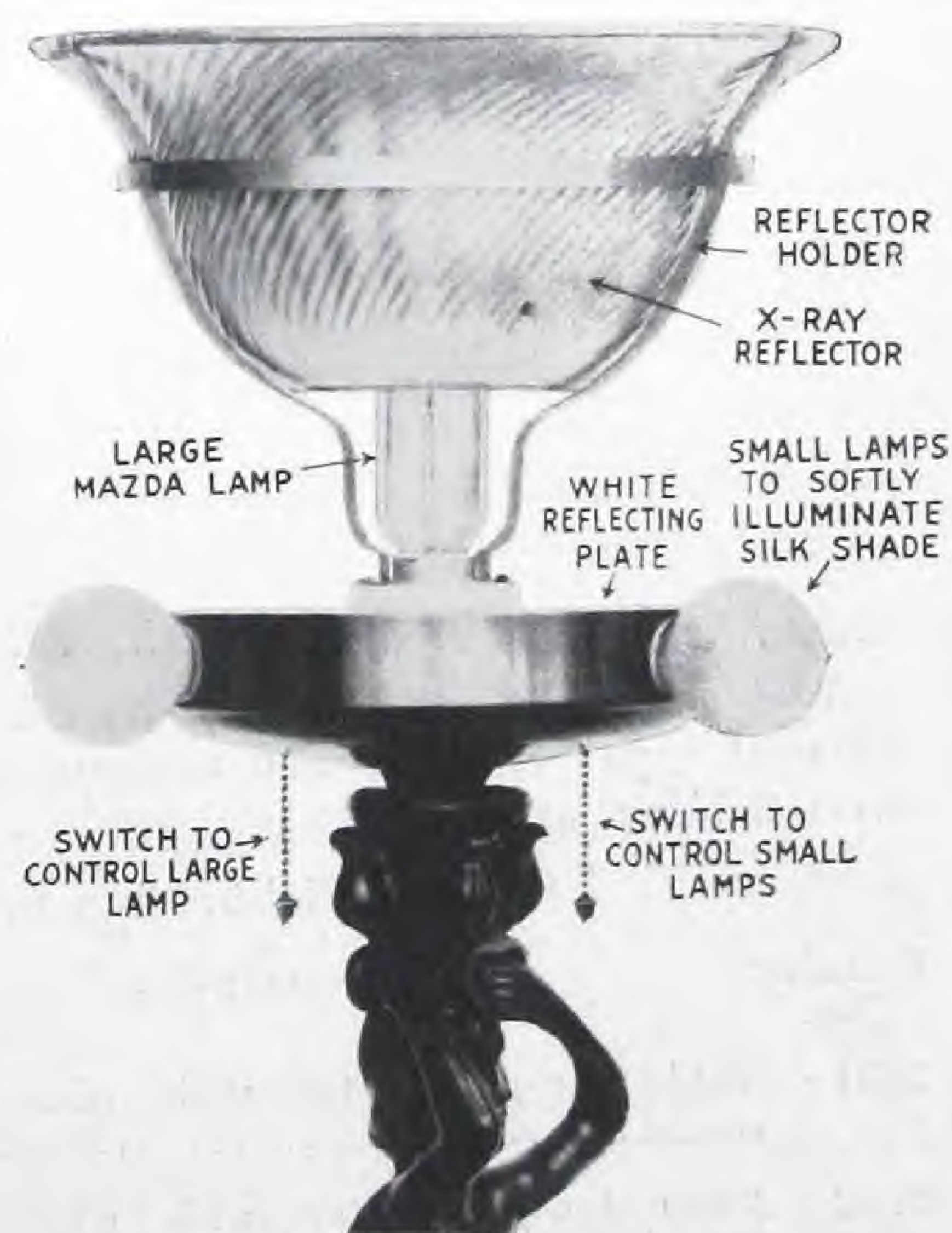
The same room charmingly illuminated by a flood of clear, indirect light reflected from the ceiling. There is an indirect lighting X-RAY Reflector concealed inside the silk shade which throws the light of a large bulb against the ceiling. Thus either lighting effect shown in these pictures may be had at the pull of the switch.

The large reflector is supported by a strong metal frame and the silk shade rests on the upper edge. The bottom of the reflector is left open so that some of the light from the large lamp escapes and is reflected by a white disc to softly and evenly illuminate the silk shade. Besides this disc there are individual frosted lamps (very small) which give the shade the appearance of the ordinary art lamp when the indirect lighting is not in use. The two little pull chains allow for separate control of these auxiliary lamps for lighting the shade and the large lamp which furnishes the indirect illumination.

The wonderful lighting effect secured with the indirect illumination is well illustrated by the photograph on this page. The addition of a Curtis adapter has made the art lamp useful as well as ornamental. These Curtis Adapter can be attached to any floor or table lamp, and to large ornamental vases, pedestals, etc.

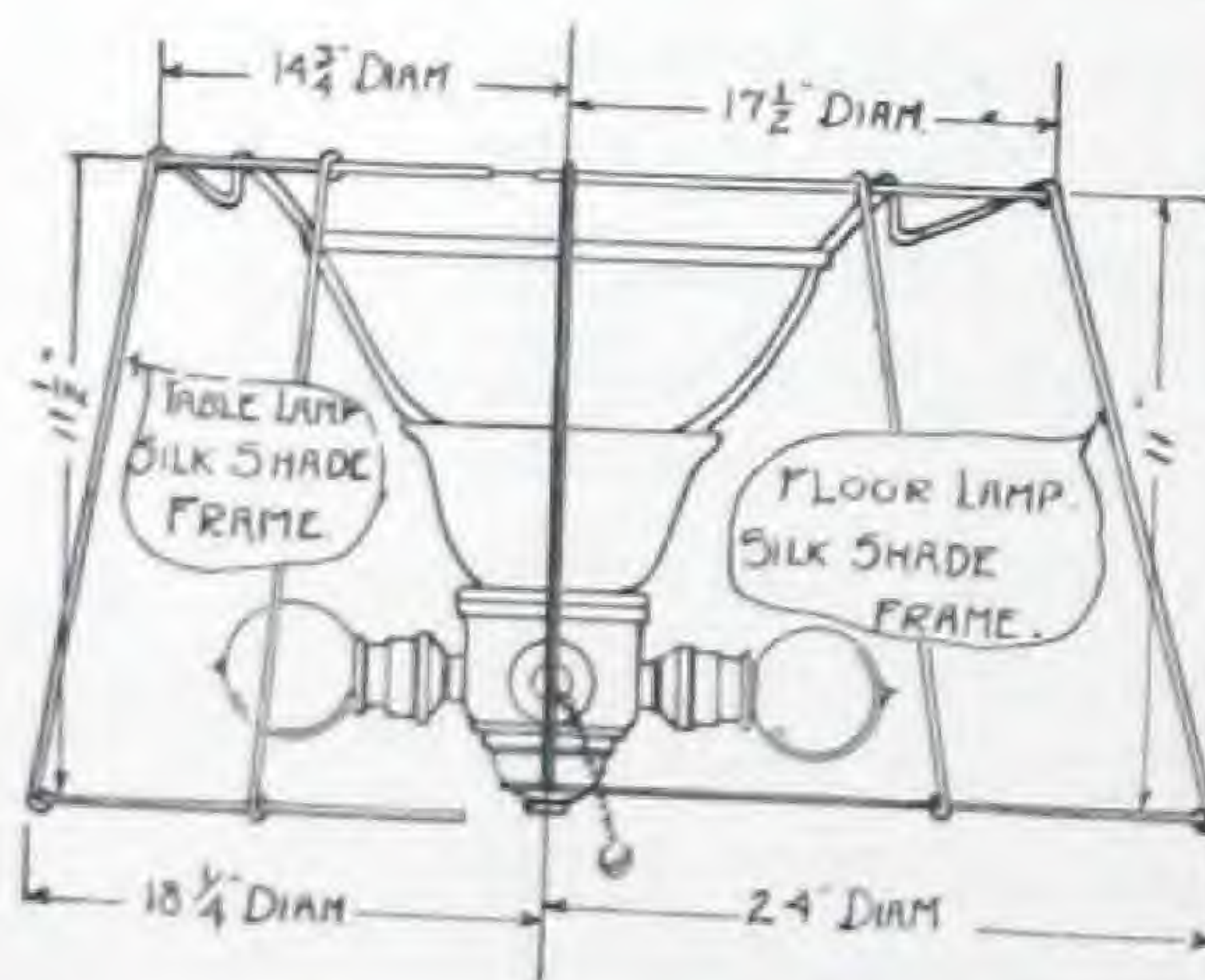
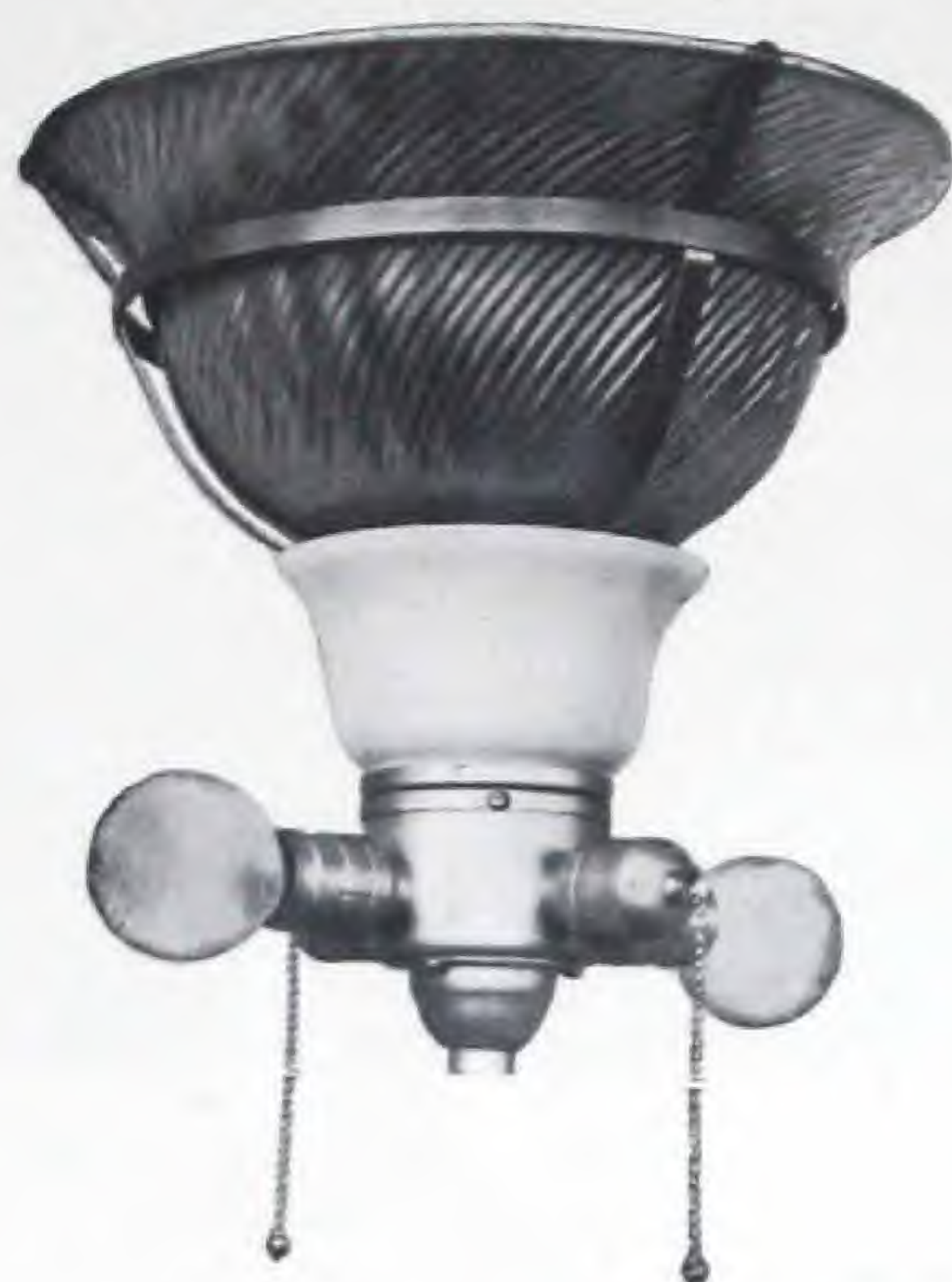
Care must be taken that the large powerful reflector is always above the line of vision. As the Curtis Adapter is 12 inches high, the floor lamp standard should be at least 54 inches and the table lamp standard 24 inches in height.

Several different sizes and styles of these Curtis Adapters are shown on the following pages.



Curtis Indirect Adapter

Curtis Indirect Adapters can be attached to any wooden or metal Pedestal or Vase whose top is over 54 inches from the floor. 10 feet of cord and attachment plug furnished with Adapter.



Adapter with 12 inch reflector, for use with 100, 150 or 200 watt type "C" lamp and arranged for two auxiliary direct lighting lamps.

Standard Finish: Silver Bronze

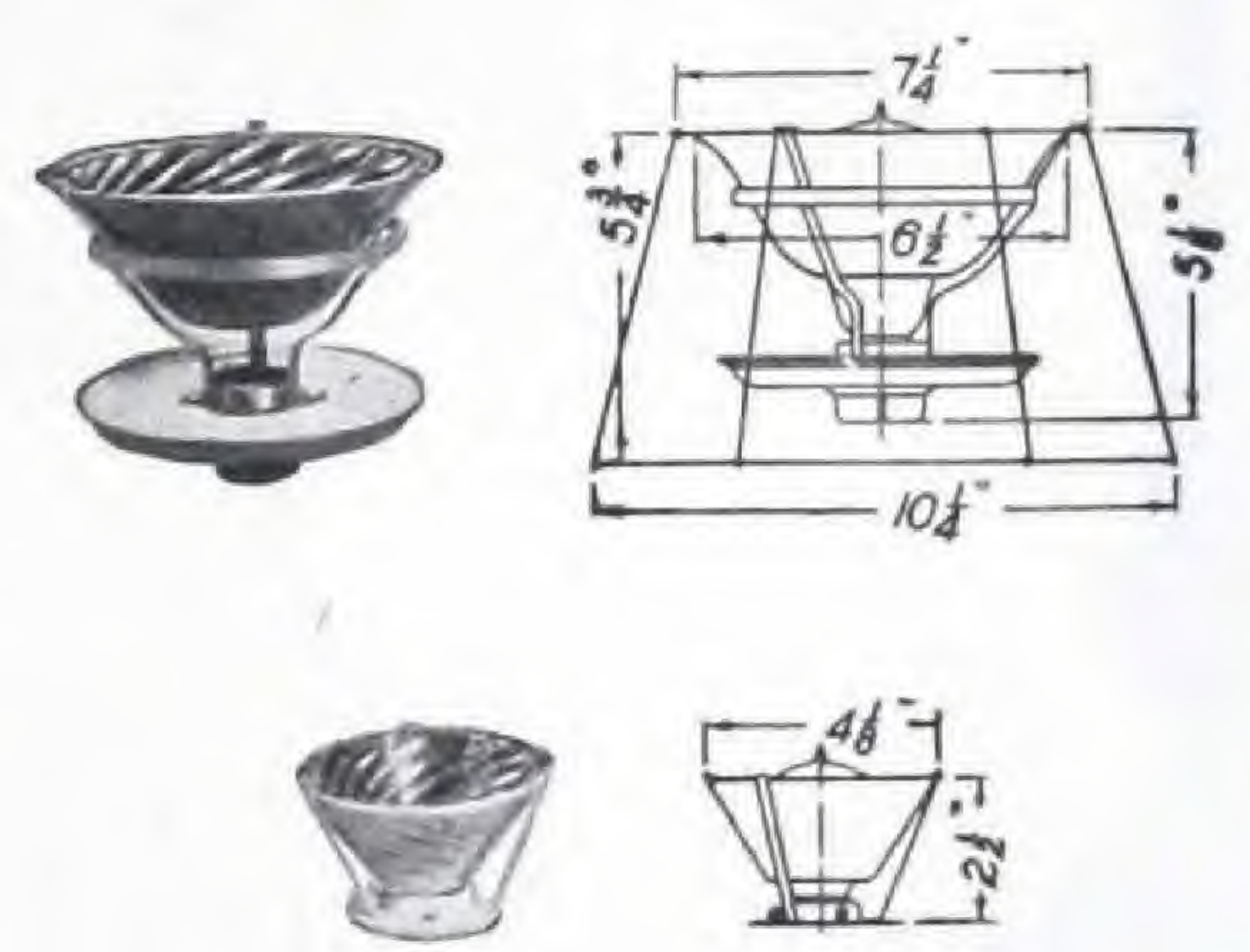
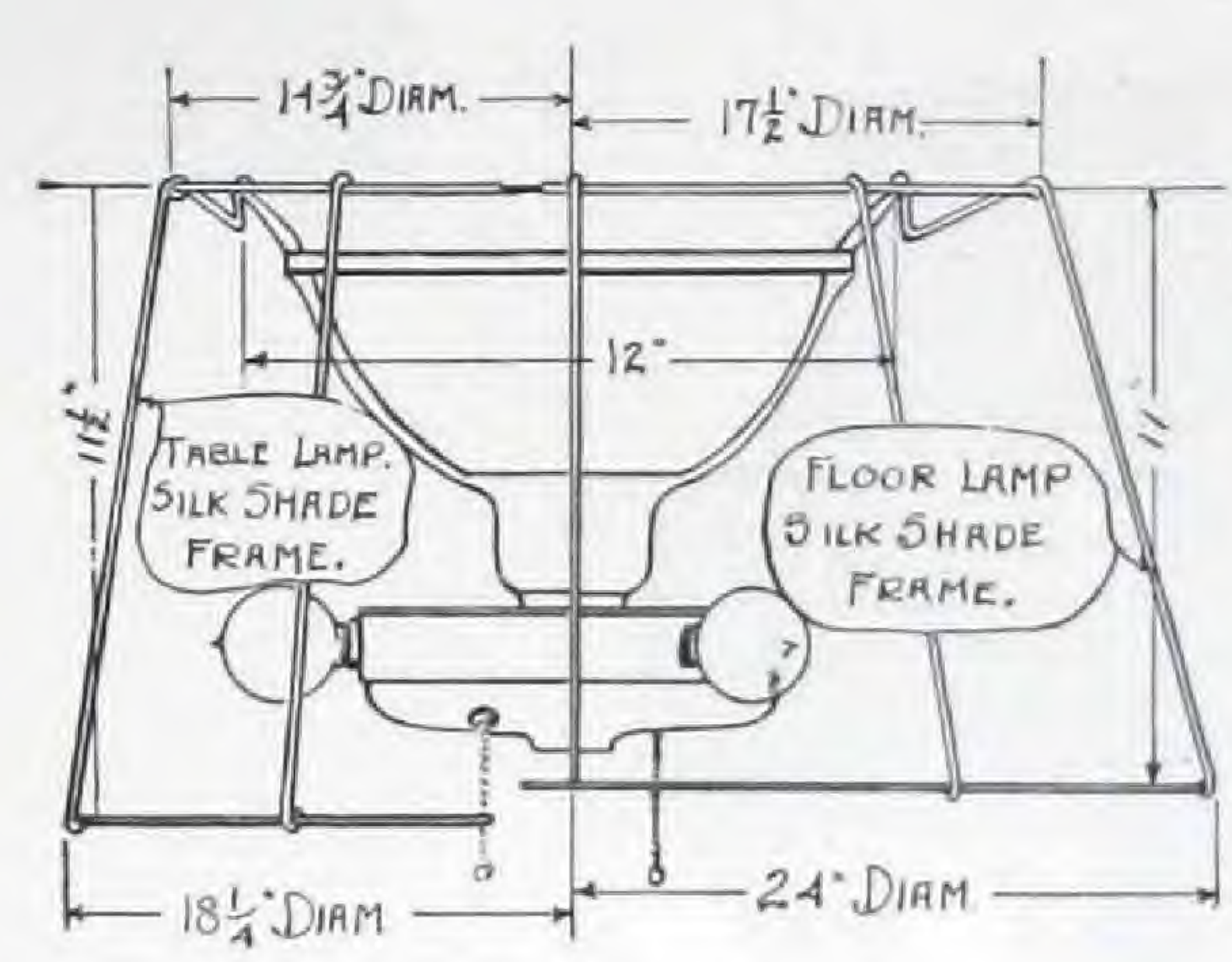
Catalog No.	Description	Price each
2831	Table lamp adapter with wire frame for round silk shade.....	\$23.50
2832	Floor lamp adapter with wire frame for round silk shade.....	24.00
2826	Adapter only.....	21.00

Adapter with 9 1/2 inch reflector, for use with 100, 150 or 200 watt type "C" lamp and arranged for two auxiliary direct lighting lamps.

Standard Finish: Silver Bronze

Catalog No.	Description	Price each
2874	Table lamp adapter with wire frame for round silk shade.....	\$20.25
2875	Adapter only.....	17.75

Curtis Indirect Adapters can be attached to any wooden or metal Pedestal or Vase whose top is over 54 inches from the floor. 10 feet of cord and attachment plug furnished with Adapter.



Adapter with 12 inch reflector, for use with 200 watt type "C" lamp and arranged for three auxiliary direct lighting lamps.

Standard Finish: Gold Bronze or Mahogany.		
Catalog No.	Description	Price each
2853	Table lamp adapter with wire frame for round silk shade.....	\$31.25
2854	Floor lamp adapter with wire frame for round silk shade.....	31.75
2855	Table lamp adapter without wire frame..	28.75
2856	Floor lamp adapter without wire frame	28.75

Adapter with 6 1/2 inch reflector, for use with 25, 40 or 60 watt lamp.

Standard Finish: Gold Bronze.		
Catalog No.	Description	Price each
*2814	Adapter with round wire shade frame	\$7.25
*2802	Without frame	6.00
Adapter with 4 1/8 inch reflector, for use with 15 or 25 watt round bulb lamp.		
Standard Finish: Flat White.		
*2823	Adapter with round wire shade frame	\$3.00
*2803	Without frame.....	1.90

*No. 2814 adapter is for use with heavy brackets and will fit any standard socket. No. 2803 adapter is for use with small candle bracket and will fit any standard socket or 1 1/4 inch metal candle. No switch, cord or attachment plug included.

Art Lamps Equipped With Curtis Indirect Adapters



Carved Wood Table Lamp with Brocaded Gold Silk Shade

Finish: Antique Gold

Height 36 inches Diameter 20 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2611	‡2855	2857	\$100.00
2612	‡2826	2857	92.25

No. 2857 Silk Shade lists \$35.00

Carved Wood Floor Lamp with Old Gold Silk Shade

Finish: Antique Gold

Height 72 inches Diameter 24 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2639	‡2856	2865	\$137.75
2640	‡2826	2865	130.00

No. 2865 Silk Shade lists \$44.50

Carved Wood Table Lamp with Old Gold Silk Shade

Finish: Antique Gold

Height 36 inches Diameter 22 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2615	‡2855	2835	\$89.00
2616	‡2826	2835	81.25

No. 2835 Silk Shade lists \$22.75

Art Lamps Equipped With Curtis Indirect Adapters



Carved Wood Floor Lamp with Old Gold Silk Shade

Finish: Gold Polychrome

Height 36 inches Diameter 18 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2645	‡2826	2837	\$71.50
2646	‡2875	2837	68.25

No. 2837 Silk Shade lists \$22.75

Carved Wood Floor Lamp with Old Gold Silk Shade

Finish: Gold Polychrome

Height 72 inches Diameter 24 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2641	‡2856	2866	\$141.00
2642	‡2826	2866	133.25

No. 2866 Silk Shade lists \$46.75

Turned Wood Table Lamp with Mulberry Silk Shade

Finish: Mahogany

Height 36 inches Diameter 21 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2638	‡2875	2867	\$62.25

No. 2867 Silk Shade lists \$26.00

Art Lamps Equipped With Curtis Indirect Adapters



Turned Wood Floor Lamp with
Old Rose Silk Shade

Finish: Mahogany

Height 72 inches Diameter 24 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2632	12875	2862	\$71.50

No. 2862 Silk Shade lists \$36.25

Turned Wood Table Lamp with
Old Rose Silk Shade

Finish: Mahogany

Height 36 inches Diameter 18 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2643	12826	2840	\$56.00
2644	12875	2840	52.75

No. 2840 Silk Shade lists \$21.75

Turned Wood Table Lamp with
Mulberry Silk Shade

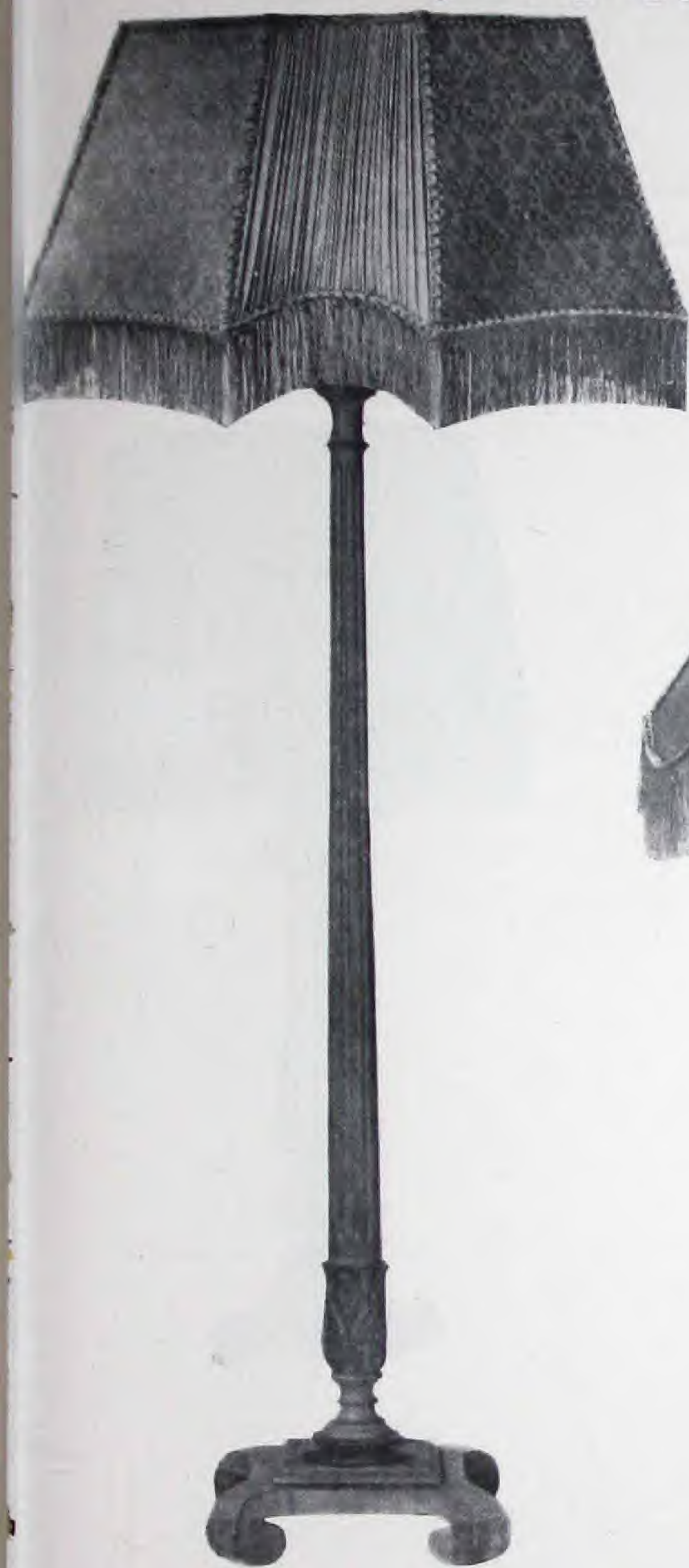
Finish: Mahogany

Height 72 inches Diameter 24 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2633	12875	2863	\$67.50

No. 2863 Silk Shade lists \$32.50

Art Lamps Equipped With Curtis Indirect Adapters



Carved Wood Floor Lamp with Brocaded Mulberry Silk Shade

Finish: Mahogany

Height 72 inches Diameter 24 inches

<i>Catalog No.</i>	<i>Adapter No.</i>	<i>Silk Shade No.</i>	<i>Price Each</i>
2617	‡2856	2858	\$98.00
2618	‡2826	2858	90.25

No. 2858 Silk Shade lists \$29.25

Carved Wood Table Lamp with Mulberry Silk Shade

Finish: Mahogany

Height 36 inches Diameter 21 inches

<i>Catalog No.</i>	<i>Adapter No.</i>	<i>Silk Shade No.</i>	<i>Price Each</i>
2635	‡2875	2864	\$64.25

No. 2864 Silk Shade lists \$29.25

Turned Wood Floor Lamp with Old Rose Silk Shade

Finish: Mahogany

Height 72 inches Diameter 24 inches

<i>Catalog No.</i>	<i>Adapter No.</i>	<i>Silk Shade No.</i>	<i>Price Each</i>
2636	‡2856	2806	\$78.50
2637	‡2826	2806	70.75

No. 2806 Silk Shade lists \$32.50

Art Lamps Equipped With Curtis Indirect Adapters



Turned Wood Table Lamp with Japanese Silk Shade

Finish: Mahogany with Japanese Decorations in Gold

Height 36 inches Diameter 20 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2621	‡2855	2843	\$110.50
2622	‡2826	2843	102.75

No. 2843 Silk Shade lists \$36.25

Turned Wood Floor Lamp with Brocaded Mulberry Silk Shade

Finish: Mahogany with Japanese Decorations in Gold

Height 72 inches Diameter 24 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2567	‡2856	2838	\$112.50
2568	‡2826	2838	104.75

No. 2838 Silk Shade lists \$31.25

Carved Wood Table Lamp with Old Rose Silk Shade

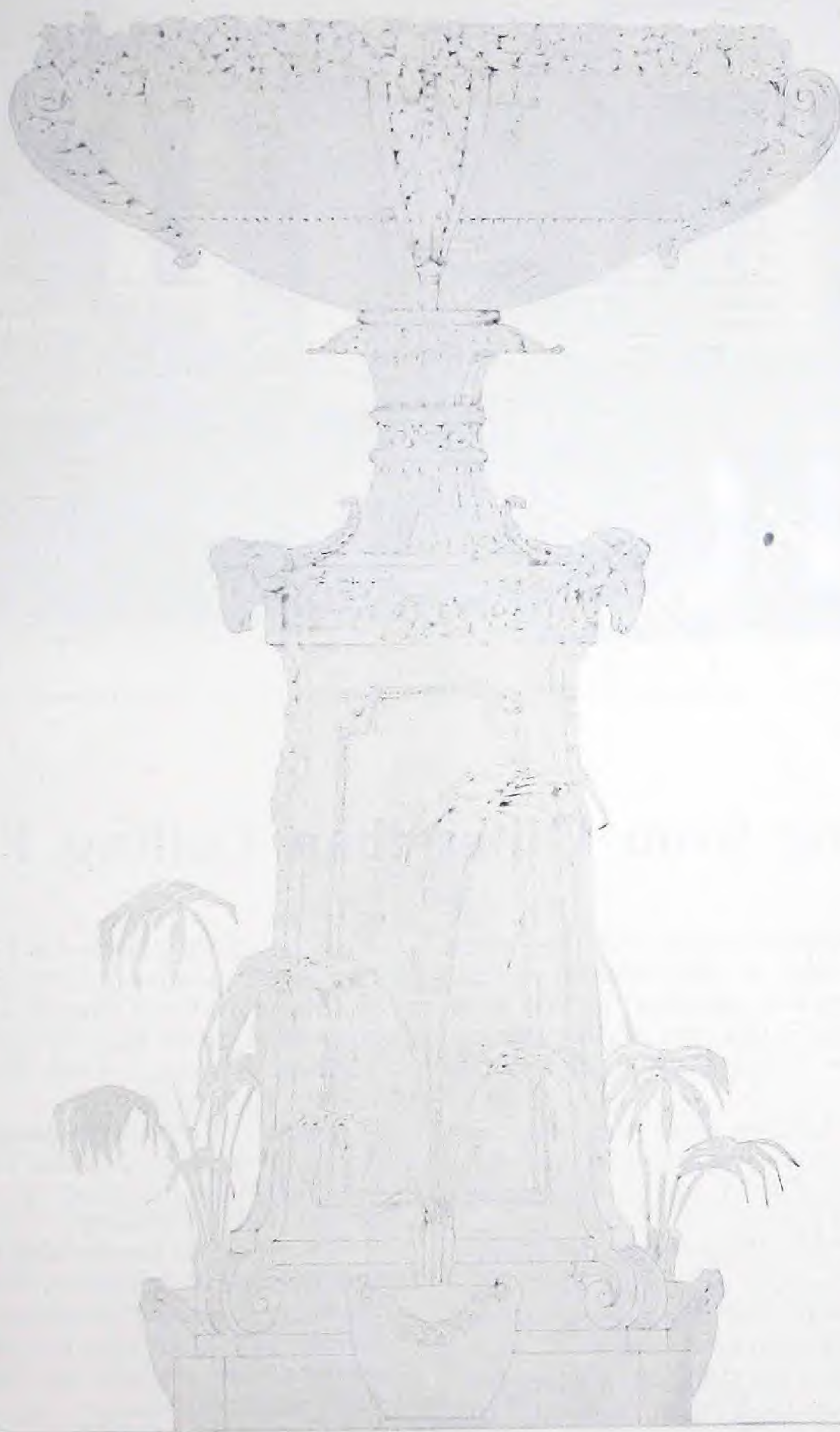
Finish: Antique Gold or Mahogany
Height 36 inches Diameter 18 inches

Catalog No.	Adapter No.	Silk Shade No.	Price Each
2583	‡2855	2805	\$81.25
2584	‡2826	2805	73.50

No. 2805 Silk Shade lists \$18.75

PEDESTAL AND COVE LIGHTING

SECTION FIVE



Much of the lighting of the future will be accomplished from sources entirely concealed, and without resorting to the use of suspended ceiling fixtures.



Sun Room, South Shore Country Club, Chicago, lighted with X-Ray reflectors in center Pedestal

Lighting from Other than Ceiling Fixtures

It is stated by the discriminating that the Curtis Portable Lamp described in this booklet is the most novel and attractive lighting fixture ever devised. However, this is but one of the numerous applications of the X-Ray System of indirect illumination.

While all indirect lighting gives the room the visual appearance of greater spaciousness because it is lighted from its highest point—the illuminated ceiling—this “airyness” is further emphasized if no lighting fixtures hang from the ceiling.

With the proper selection of X-Ray Reflectors it is practical to illuminate the entire room without fixtures of any kind hung from the ceiling.

Whether the reflectors are hidden in art lamps or urns placed on pianos, book-cases, mantels and pedestals or in projecting cornices near the ceiling, is a matter of individual choice, for the lighting results will be equally exquisite.

Thus it will be seen that the development of the correctly designed lighting equipment by the

National X-Ray Reflector Company has occasioned two great changes in illuminating methods.

First—Indirect illumination from bowl fixtures suspended from the ceiling known as the X-Ray Lighting System. These fixtures contain powerful X-Ray Reflectors.

Second—Lighting of interiors from other than ceiling fixtures, made possible by utilizing these powerful Reflectors designed on scientific principles for proper light reflection.

It is best to confer with our experts in planning this form of illumination. The knowledge our engineers have gained in planning hundreds of installations, is at your disposal at any time without cost or obligation and you are invited to make free use of their experience.

The most notable and attention-compelling lighting installations in the country have been planned by our Engineering Department.

We are pleased to confer by mail or otherwise with anyone having difficult lighting problems to solve.



**No. 2401 Design—Compone
X-Ray Pedestal**

Diameter 16 inches		Height 11 inches	
Catalog No.	No. of Type "C" Lamps	Size in Walls	Price Each
2401J	1	100 or 150	\$35.50
§2401K	1	200	35.50

**No. 3753 Design—Compone
X-Ray Luminous Bowl Pedestal**

Cathedral White Glass Panels			
Diameter 30 inches		Height 74 inches	
Catalog No.	No. of Type "C" Lamps	Size in Walls	Price Each
3753D	3	100 or 150	\$322.50
3756D	6	100 or 150	336.00
\$3753F	3	200	324.00

**No. 3761 Design—Compone
Wall Urn for Indirect Lighting**

Extends 11 1/4 inches		Height 15 inches	
Catalog No.	No. of Type "C" Lamps	Size in Walls	Price Each
†3761P	1	75	\$37.00
3761Z	1	100 or 150	37.00



**No. 2861 Design—Compone
X-Ray Pedestal**

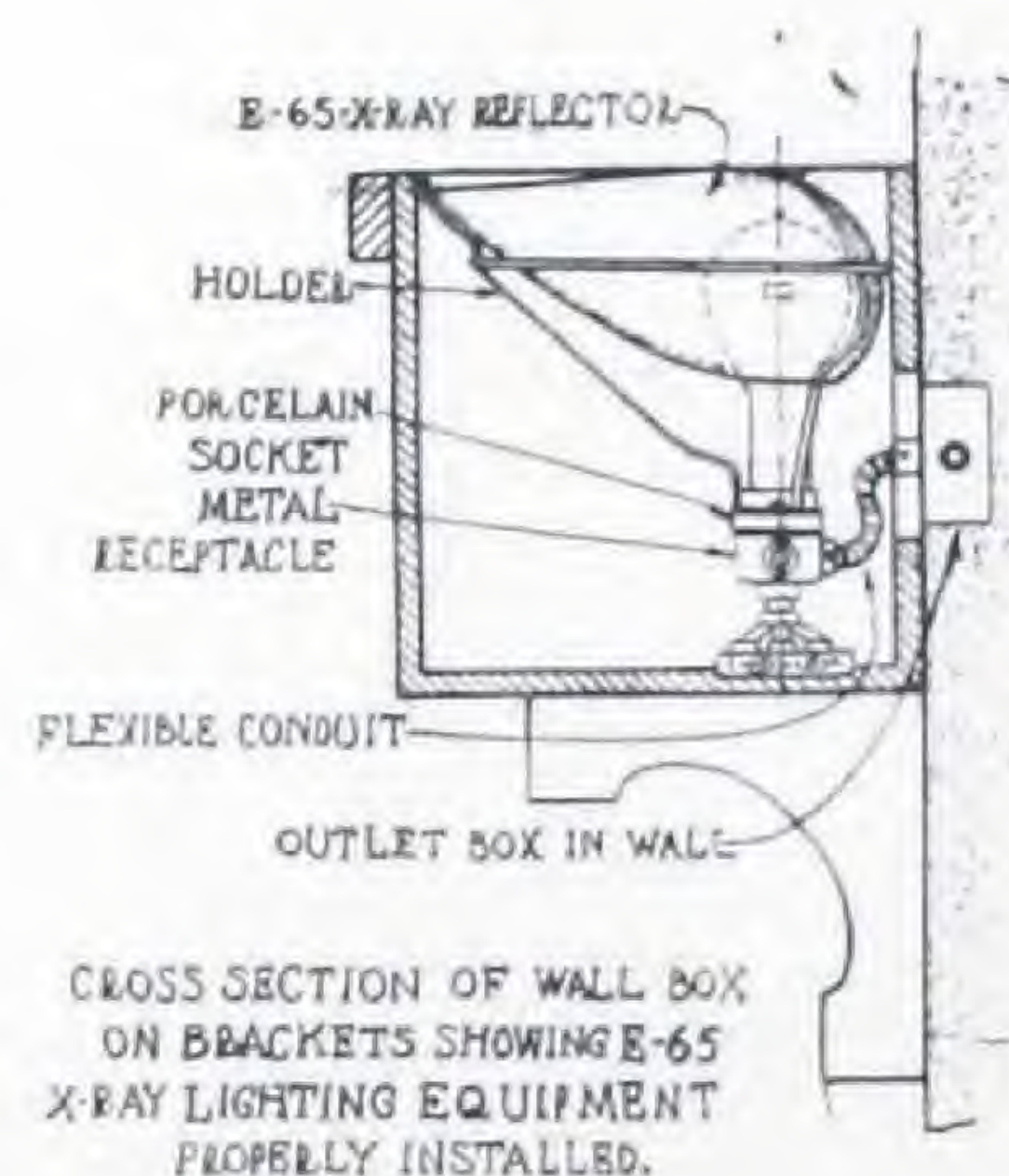
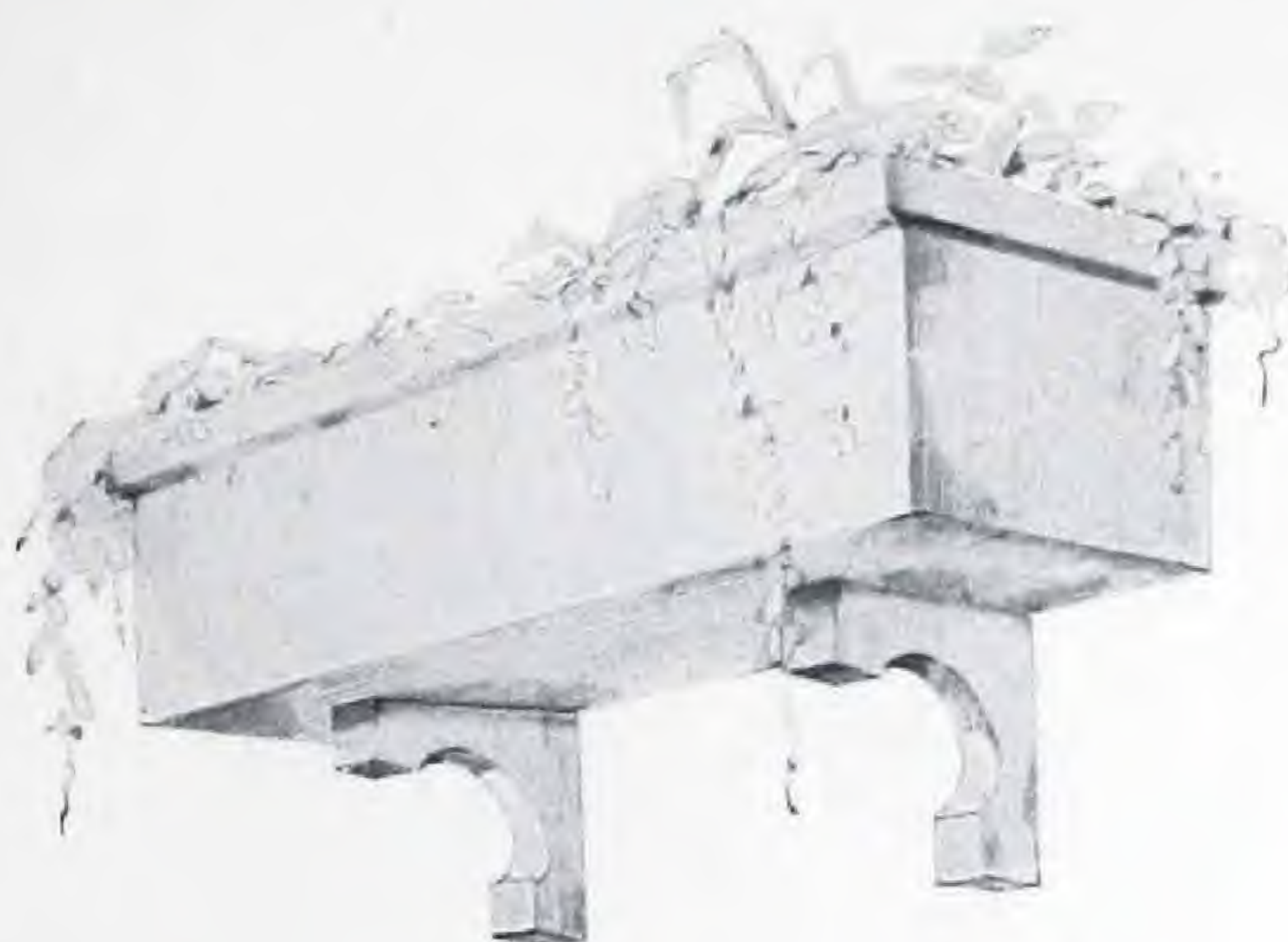
Diameter 35 inches		Height 72 inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
2863K	3	200	\$187.00
2864K	4	200	193.00
2861L	1	300, 400 or 500	179.50
Diameter 42 inches		Height 74 inches	
2892L	2	300, 400 or 500	\$222.50
2893L	3	300, 400 or 500	234.00
2894L	4	300, 400 or 500	245.50
2895L	5	300, 400 or 500	257.00

**No. 3773 Design—Compone
Wall Urn for Indirect Lighting**

Length 38 inches		Depth 14 inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
4073P	3	75	\$73.50
4073Z	3	100 or 150	73.50

**No. 2851 Design—Compone
X-Ray Pedestal**

Diameter 22 inches		Height 72 inches	
Catalog No.	No. of Type	Size in	Price
No.	"C" Lamps	Watts	Each
2851J	1	100 or 150	\$142.00
2851K	1	200	142.00



No. 3781 Design—Compone Wall Urn for Indirect Lighting				
Extends 11 1/4 inches		Height 15 inches		
Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each	
†3781P	1	75	\$37.00	
3781Z	1	100 or 150	37.00	

E-65 X-Ray Reflector Unit				
8195	1	75	\$8.55	
8196	1	100 or 150	8.55	

Includes reflector, porcelain socket and metal receptacle as shown.

8197	1	75	\$8.55	
8198	1	100 or 150	8.55	

Includes reflector, holder, porcelain socket and 3-inch or 4-inch standard outlet box cover

No. 2512 Design—Wooden Wall Urn for Indirect Lighting Wooden Box with Mitered Corners

Length 14 inches		Depth 12 inches		
Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each	
†2511P	1	75	\$36.50	
2511Z	1	100 or 150	36.50	

Length 24 inches		Depth 12 inches		
†2512P	2	75	\$49.50	
2512Z	2	100 or 150	49.50	

Length 36 inches		Depth 12 inches		
†2513P	3	75	\$62.50	
2513Z	3	100 or 150	62.50	

14-inch box has one supporting bracket. Fixture shows how flowers, vines or draperies can be used for decorative effects.

No. 1761 Design—Compone Wall Urn for Indirect Lighting				
Extends 11 1/4 inches		Height 15 inches		
Catalog No.	No. of "C" Lamps	Type Size in Watts	Price Each	
†1761P	1	75	\$37.00	
1761Z	1	100 or 150	37.00	



No. 1439X

Size of Back Plate—5 x 10 inches
Furnished in any Compone Finish

<i>No. of Lights</i>	<i>No. of Arms</i>
1	1
2	2
3	3

Price upon application. Be sure and specify quantity needed.

Bracket designed to harmonize with Indirect Fixtures shown on pages 45 and 49.

No. 2201X

Size of Back Plate—6 x 8 inches
Spread 13 inches Extends 7 inches
Opal Glass Shades
Furnished in any Compone Finish

<i>No. of Lights</i>	<i>No. of Arms</i>
2	2

Price upon application. Be sure and specify quantity needed.

Bracket designed for use with Indirect Fixtures shown on page 55.

No. 1900X

Size of Back Plate—6½ x 10 inches
Height 20 inches Extends 12 inches
Furnished in any Compone Finish

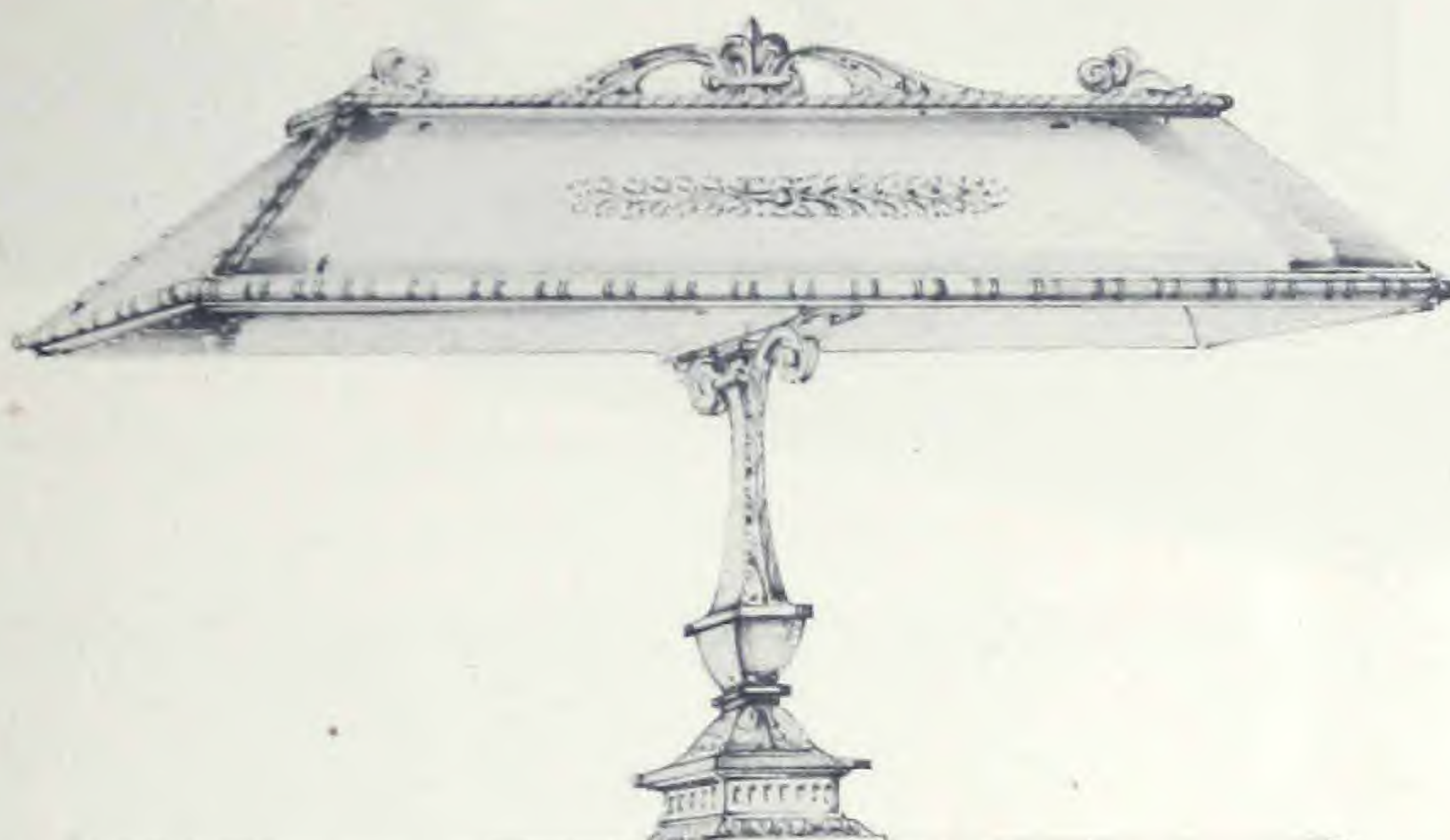
<i>No. of Lights</i>	<i>No. of Arms</i>
3	1

Price upon application. Be sure and specify quantity needed.

Bracket designed to harmonize with Nos. 454 and 3882 Indirect Fixtures shown on page 53.

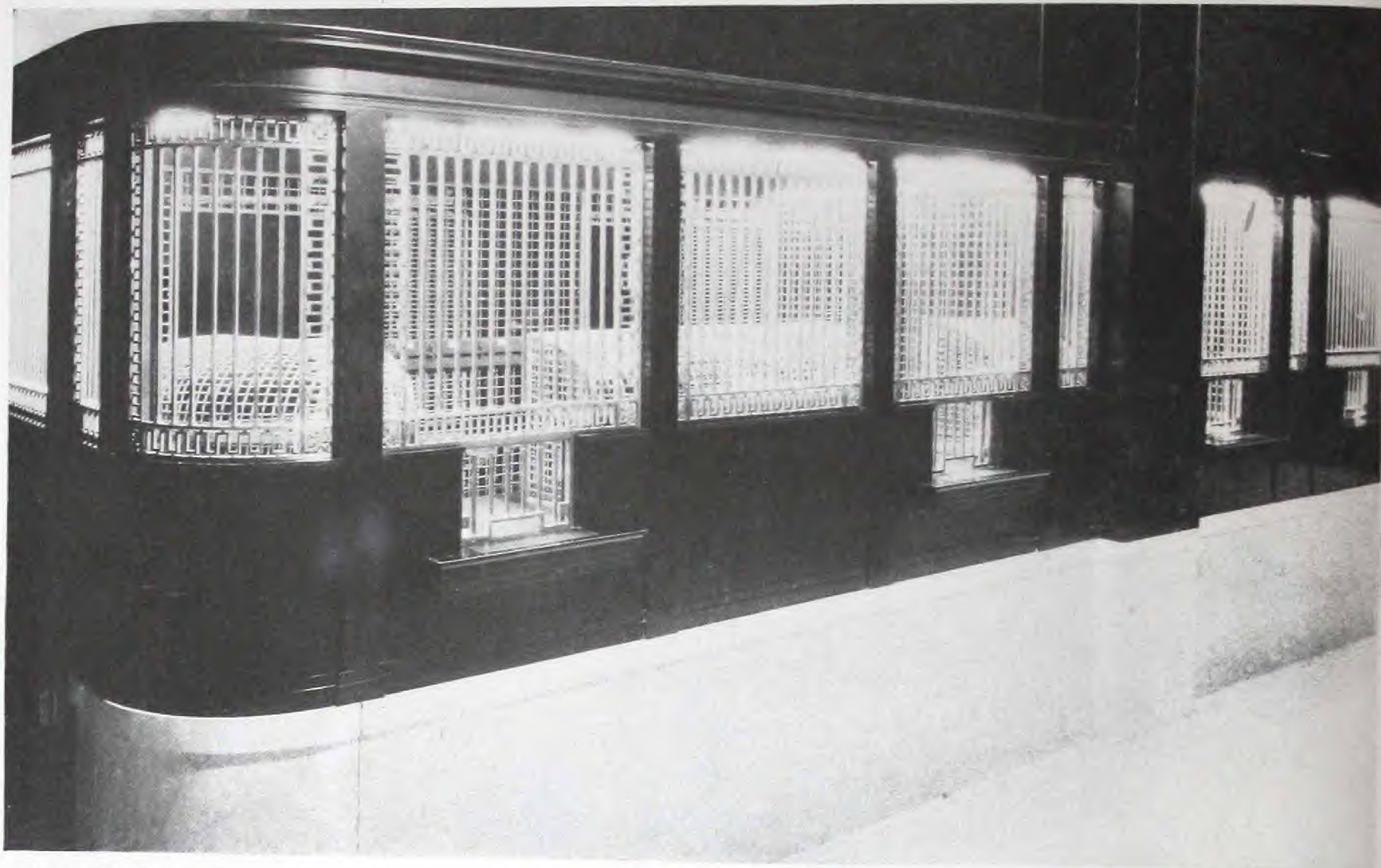
BANK DESK LIGHTING

SECTION SIX



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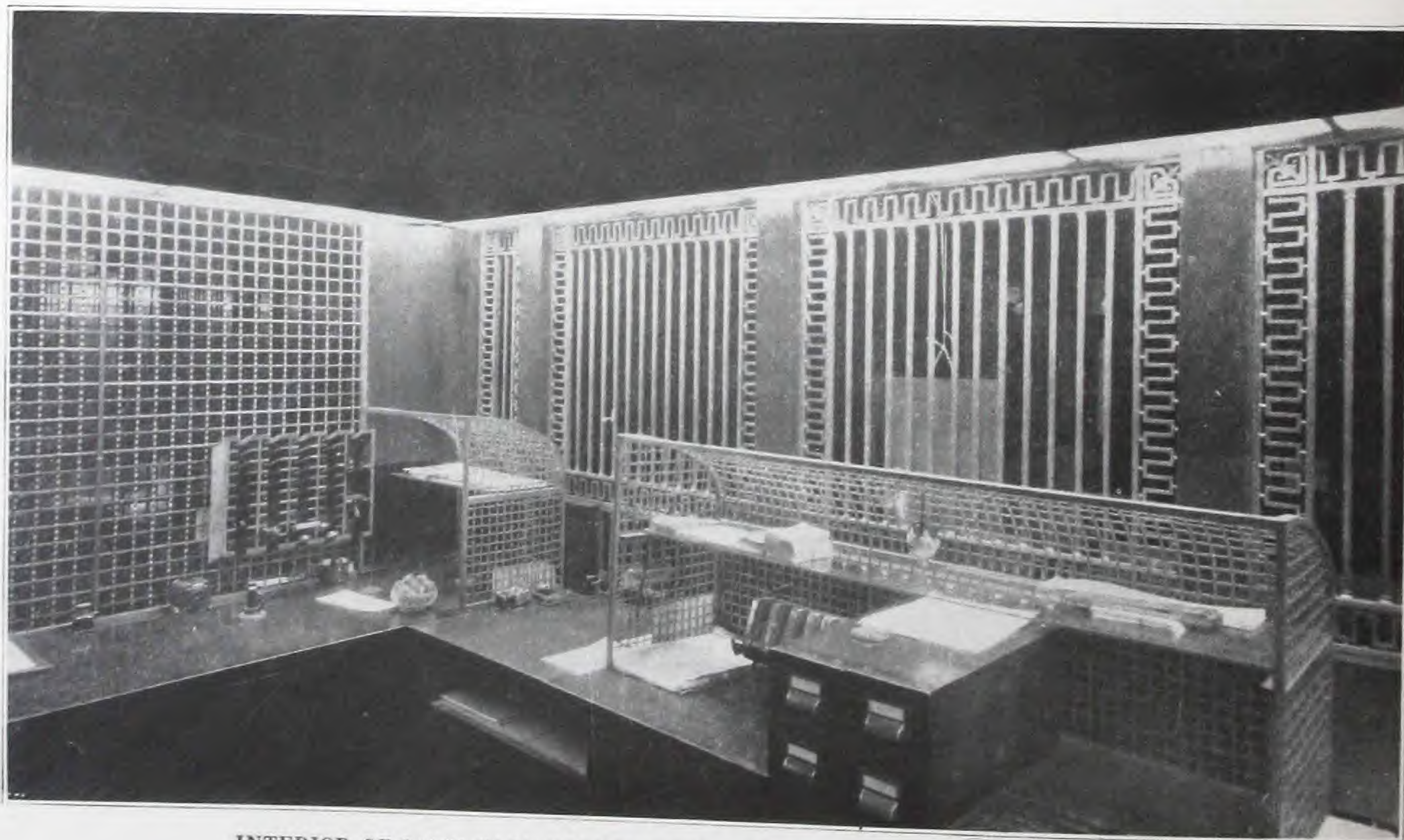
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Albert Pretzinger,
Edw. P. Musselman, } Architects
Dayton, Ohio

CITY TRUST & SAVINGS BANK
DAYTON, OHIO
EXTERIOR VIEW OF CAGE

Wm. P. Hall Electric Co.
Electrical Contractors,
Dayton, Ohio



INTERIOR OF SAME CAGE SHOWING X-RAY BANK DESK LIGHTING EQUIPMENT

X-Ray Bank Desk Lighting

A GREAT many banks require lighting inside the cages in addition to the general illumination received from the overhead lighting system. For this purpose, the equipment described in this section has been developed and perfected in conjunction with prominent bank architects.

An individual X-Ray Reflector is used over each lamp. The high efficiency of this reflector makes possible the use of only 10 or 15 watt lamps as compared

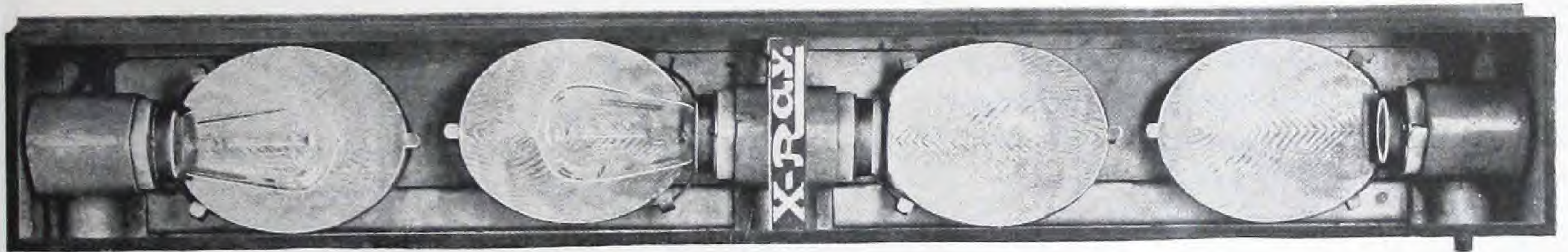
to 25 watts used in other equipment. The lamps and interior equipment are concealed by prism plate

glass at the bottom of the housing. This special glass diffuses the light, distributing the rays evenly on the desk below. It absorbs less light and is more easily cleaned than ordinary frosted glass.

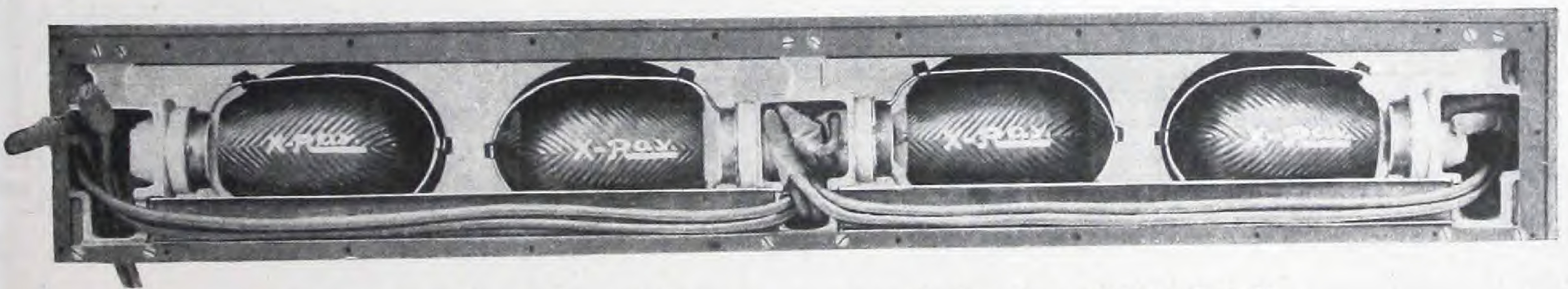
Excellent lighting results are produced in the most economical manner by using this highly efficient equipment.

ITS GOOD POINTS

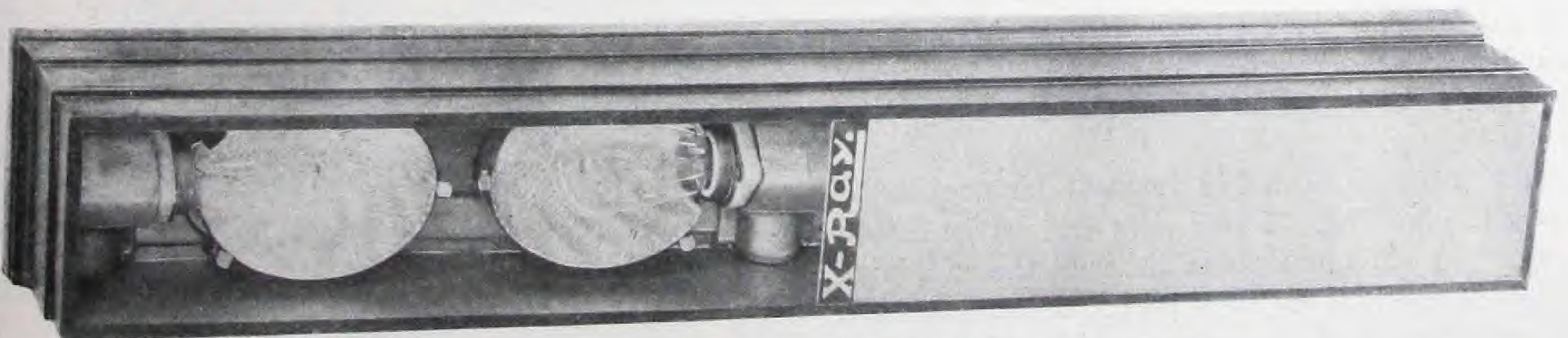
1. Most light for least money.
2. Uses standard lamps.
3. X-Ray reflectors make light distribution perfect.
4. Permanently efficient.
5. Easy to clean and maintain.
6. Compact and neat.
7. Simple to install.
8. Designed by X-Ray engineers—built with X-Ray thoroughness—gives X-Ray lighting satisfaction.



Bottom view of four light section, glass panels removed



Top view of section with cover removed showing wiring details



View of section from below, one glass panel removed

Construction--Installation

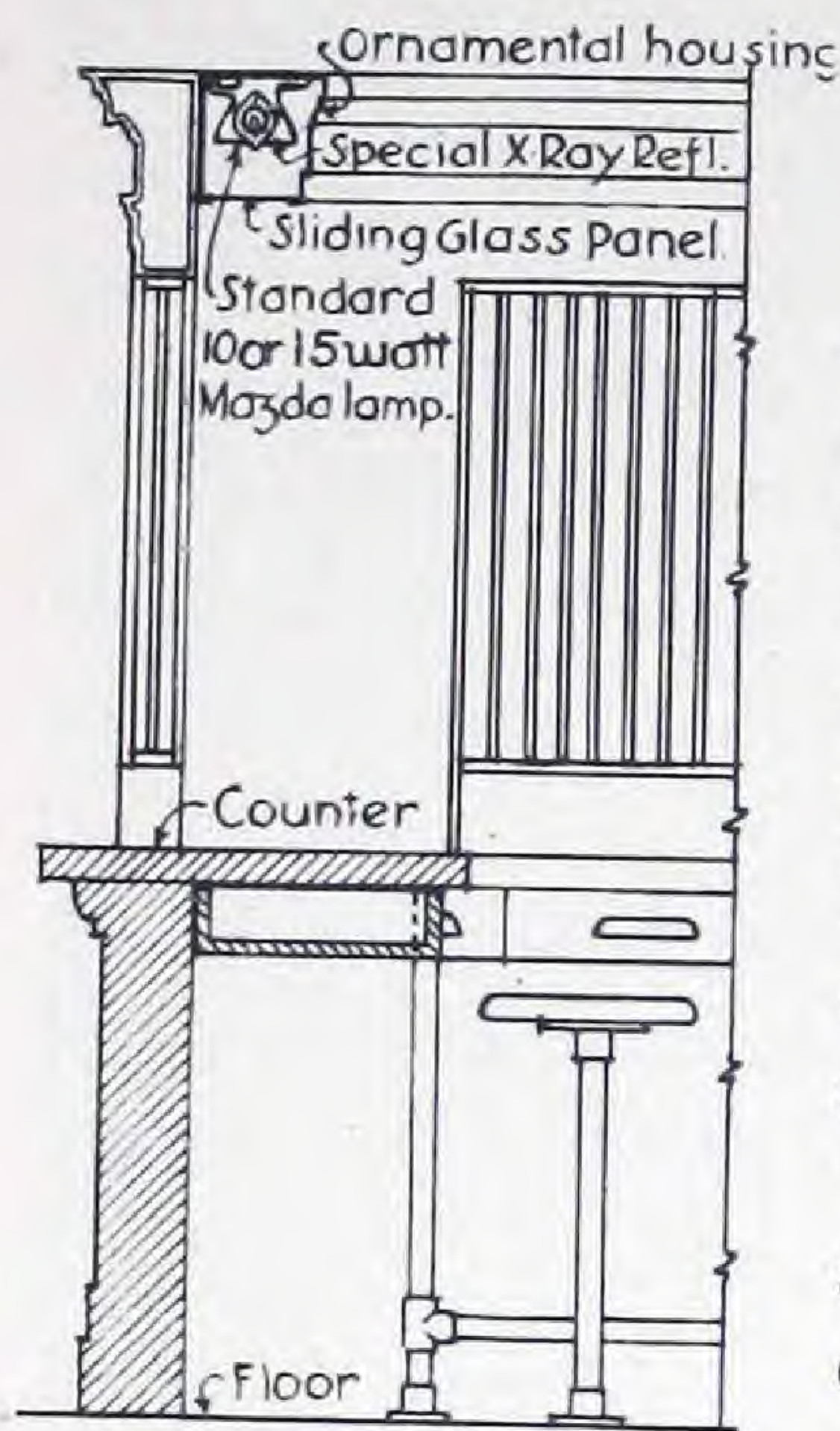


Fig. 1

The return ends use the same moulding shown on the front and are especially desirable where the ends are exposed to the public. Mitres are required when connecting two sections to form an angle—such as an “L” or “T” section.

Sections are made straight or curved to fit the cornice or bank grill and may be supplied for wickets

THE housing, which contains the reflectors and other equipment, is made of heavy gauge steel having ornamental moulding for facings, with plain top and back. The same design of moulding may also be furnished in heavy gauge bronze. A cross section of the housing is shown in Figure 3.

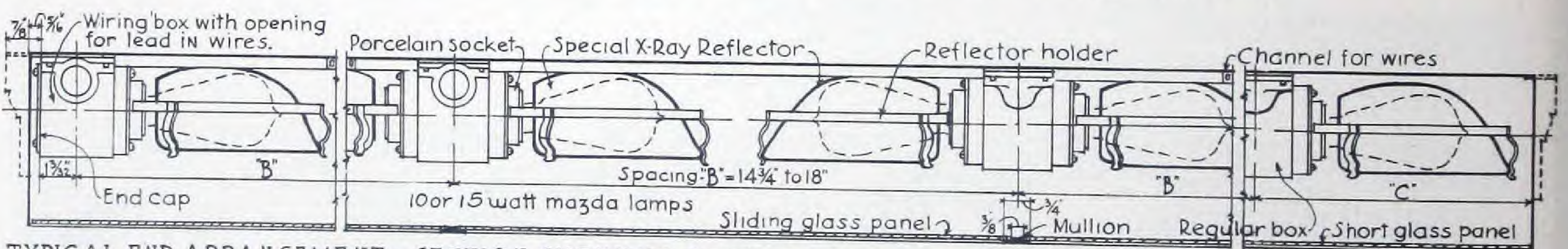
The ends may be plain as shown by the heavy line or return as shown by the dotted line in Figure 2.

The method of attaching this equipment inside the cage depends upon the type and design of cornice to which it is attached. It is necessary to determine this point for each particular installation.

The exterior of the housing may be finished to closely imitate the finish on the cornice, either wood or metal. Mahogany, oak, walnut, black, green, sprayed bronze paint and other finishes to match samples can easily be applied. The interior is finished in aluminum bronze paint.

All details of construction are carefully considered in the manufacture of this equipment, using the best of workmanship, materials and finishes. As is characteristic of all X-Ray Lighting, correct results are obtained at the least expenditure for electric current.

In ordering or requesting a quotation on this equipment, it is necessary to have plan of cages showing location at which it is required, also full size sectional drawing of cornice and cage partition. If plans are not available, state metal, length, style of end, number of mitres, number and radius of quarter circles, if any, and finish.



TYPICAL END ARRANGEMENT • SECTION SHOWING PROPER SPACING OF UNITS • ALTERNATE END ARRANGEMENT
Recommended for standard Bank Rail installations. To relamp or clean reflectors lift up glass panel and slide over next piece. SCALE 2"=1'-0"

Fig. 2

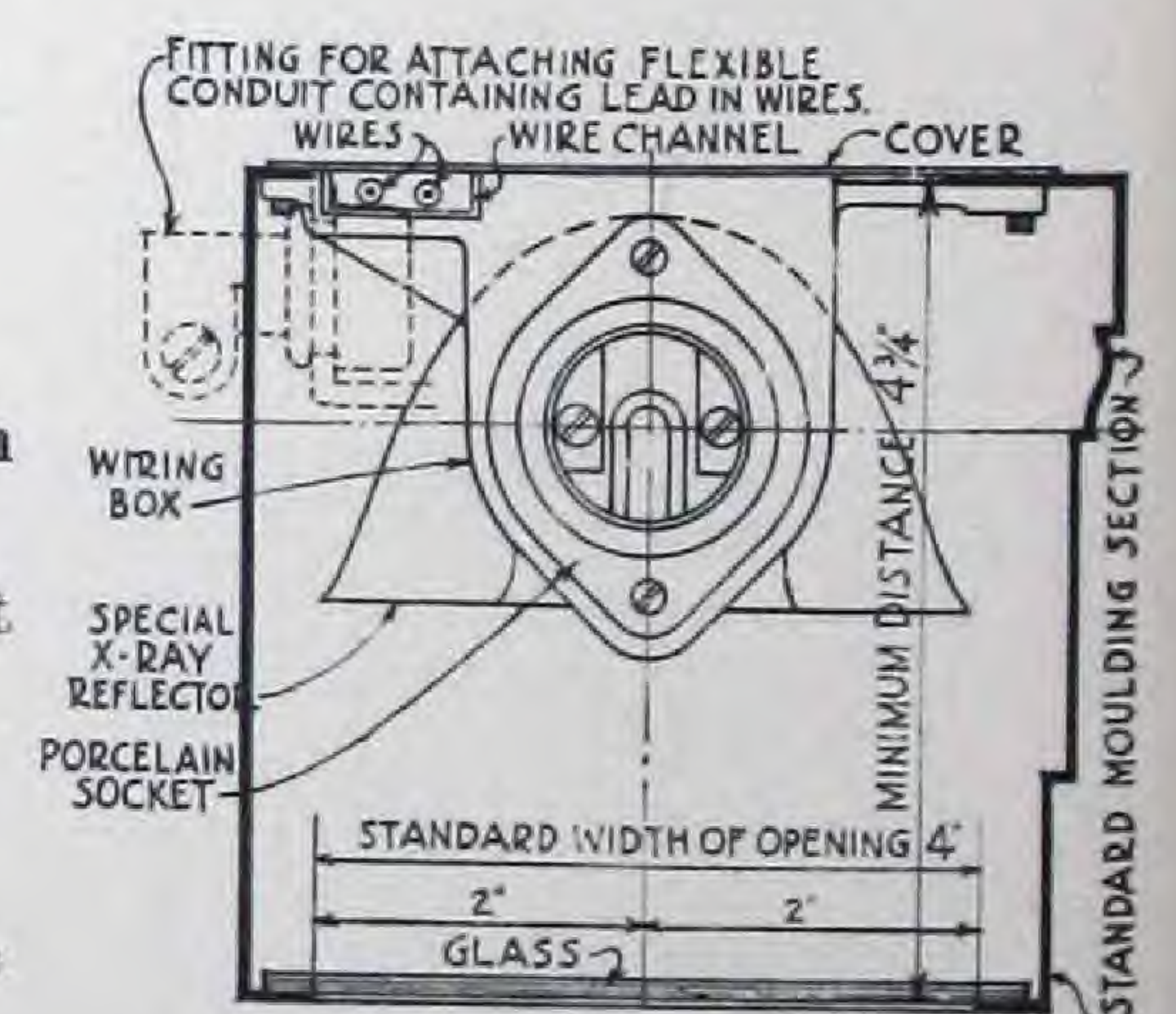
Standard Finishes For Steel.

Finish No.	Description
B 502	Mahogany-light
B 503	Mahogany-medium
B 504	Oak
B 505	American Walnut
B 506	Verdi Green
B 507	Library Green
B 508	Dull Black
B 509	Brush Brass Bronze
B 510	Gold Bronze
B 511	Natural Bronze

only, or continuous for front and sides if required.

The spacing of the lamps is so determined as to eliminate a spotly appearance on the glass and will vary with the length of the section. In no case will the center of socket boxes be over 18 inches or less than 14 3/4 inches. It is unnecessary to specify the spacing of lamps as this is automatically done at the factory.

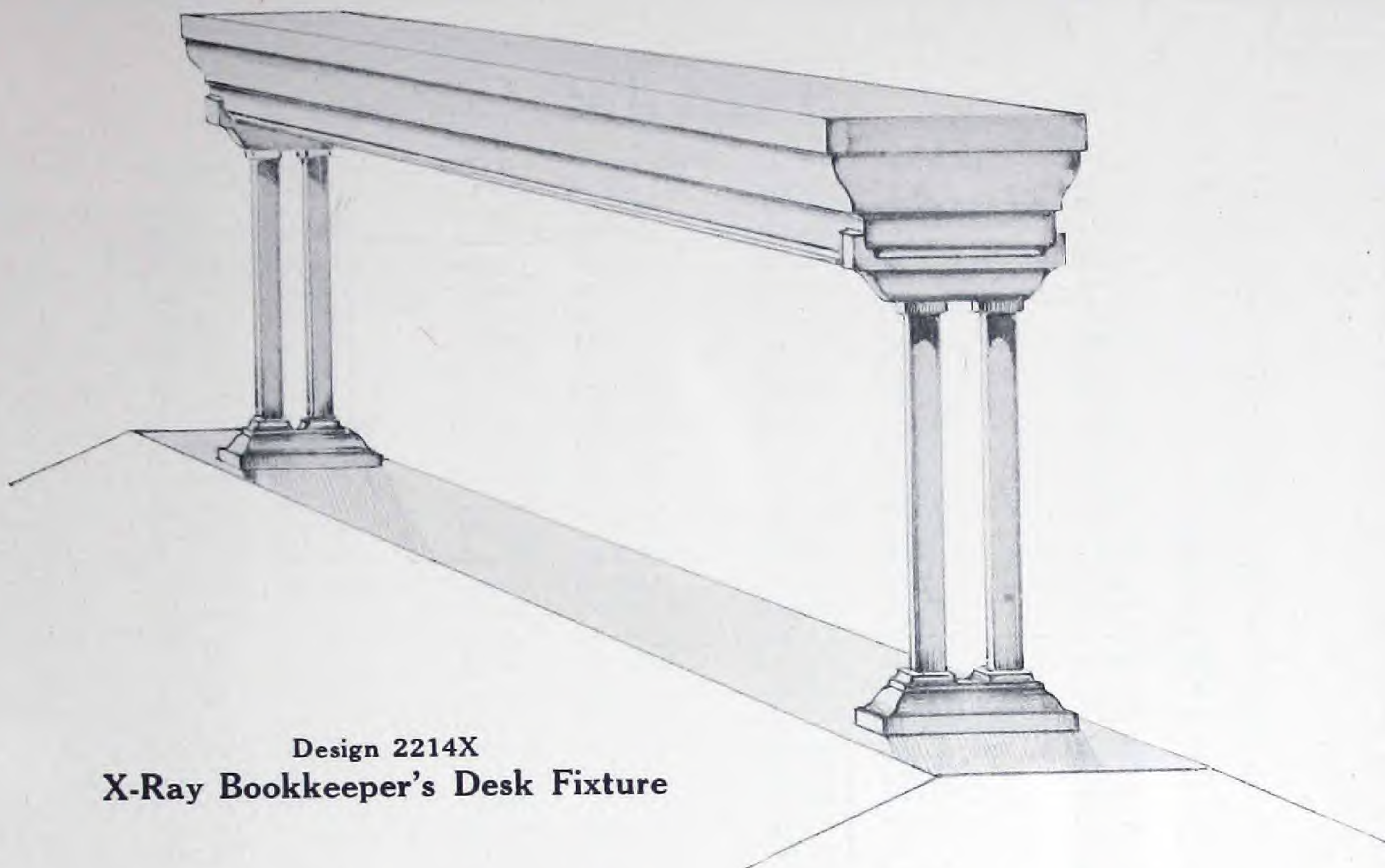
The wires are carried in the metal channel at the top of the housing. These wires may be connected to the feed wires brought in either at the end, back or top of the housing as required, depending upon the construction of the cornice and location of feed wire.



SECTION THRU LIGHTING TROUGH

Fig. 3

Special finishes to match samples at slightly additional cost.

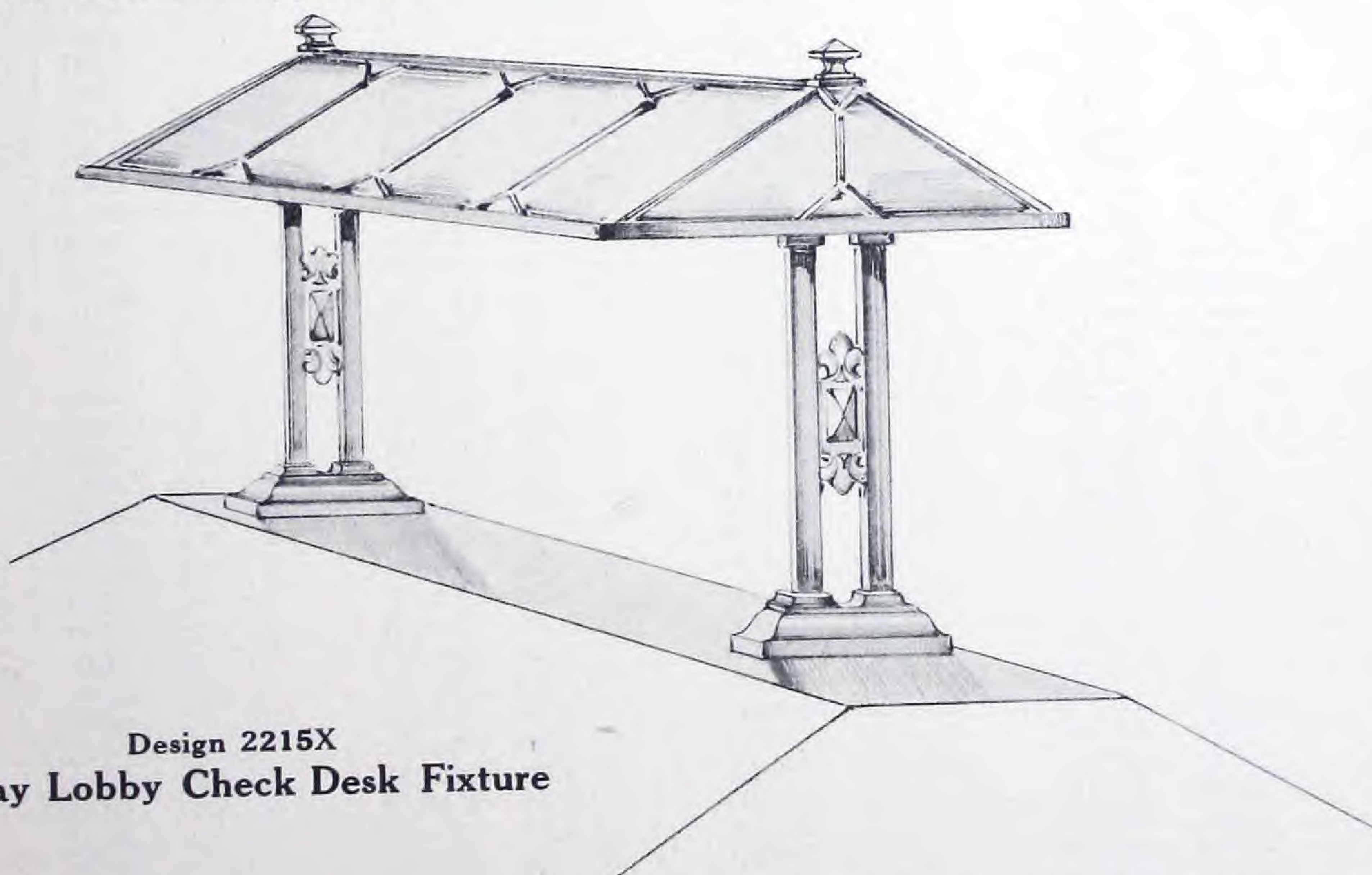


Design 2214X
X-Ray Bookkeeper's Desk Fixture

A fixture for lighting double or single desks to a strong, uniform intensity using small standard lamps with X-Ray Reflectors. The lamps are placed as close as practical, depending upon the length of section.

The housing is made of steel, 3 inches high, $5\frac{7}{8}$ inches wide and may be finished in mahogany, oak, sprayed bronze or any other paint finish. The housing may also be supplied in genuine bronze in natural finish.

In ordering or requesting a quotation state metal, finish, overall length in inches, exact distance between centers of supports. Prices on application.



Design 2215X
X-Ray Lobby Check Desk Fixture

A fixture designed especially for bank lobby check desks. The top is 10 inches wide and 4 inches high. The overall height is $15\frac{1}{2}$ inches. The metal is brass which is finished brush bronze as standard, although it may be supplied in other finishes. The panels in the top are made of amber tinted art glass. Pull chain brass sockets are furnished.

In ordering or requesting quotation state finish, overall length in inches and distance between centers of supports. Prices on application.

Index

FIXTURE NO.	CAT. PAGE	FIXTURE NO.	CAT. PAGE	FIXTURE NO.	CAT. PAGE	FIXTURE NO.	CAT. PAGE	FIXTURE NO.	CAT. PAGE
31J	36	591E	55	1306J	52	1821M	49	2351M	38
31K	36	591M	55	1306K	52	1824J	49	2351W	38
72A	34	594J	55	1321M	38	1824K	49	2362A	35
72D	34	594K	55	1321V	38	1825J	49	2362D	35
73A	34	595J	55	1321W	38	1825K	49	2363A	35
83A	34	595K	55	1332A	41	1831E	39	2371M	42
83D	34	601E	55	1351M	52	1831M	39	2371W	42
84A	34	603L	55	1351W	52	1831W	39	2381E	37
84D	34	604L	55	1353D	52	1841M	38	2381M	37
121J	38	605K	55	1354D	52	1841V	38	2381W	37
121K	38	606K	55	1355D	52	1841W	38	2383A	37
131K	38	614L	55	1393A	33	1851M	21	2383D	37
131L	38	615L	55	1393D	33	1851W	21	2384A	37
151K	40	616L	55	1394A	33	1862A	53	2401J	69
151L	40	617L	55	1394D	33	1862D	53	2401K	69
151M	40	643A	53	1411M	16	1863A	53	2442A	24
151W	40	643D	53	1413A	16	1891M	21	2442D	24
181V	37	644A	53	1413D	16	1891E	21	2443A	24
181W	37	644D	53	1414A	16	1900X	72	2461V	20
191V	42	645D	53	1414D	16	1941M	45	2461W	20
191W	42	862A	24	1415A	16	1941W	45	2481M	42
211M	37	862D	24	1431E	16	1942D	45	2481V	42
211V	37	863A	24	1434D	16	1943D	45	2481W	42
211W	37	863D	24	1434F	16	1951E	39	2504J	47
221M	42	873D	24	1435D	16	1951M	39	2504K	47
221V	42	874D	24	1435F	16	1951W	39	2505J	47
221W	42	875D	24	1436D	16	2011M	48	2505K	47
241M	37	901V	42	1436F	16	2011W	48	2511P	71
241W	37	901W	42	1439X	72	2012D	48	2511Z	71
371E	46	932D	52	1461M	55	2013A	48	2512P	71
373L	46	933A	52	1461W	55	2013D	48	2512Z	71
374K	46	933D	52	1521E	23	2014A	48	2513P	71
375K	46	934A	52	1521M	23	2021M	51	2513Z	71
381E	46	941V	41	1521W	23	2021W	51	2541M	51
383L	46	941W	41	1581V	23	2031E	16	2541V	51
384L	46	961D	36	1621D	48	2031M	16	2541W	51
385K	46	961F	36	1621F	48	2031W	16	2567	66
385L	46	962A	36	1621W	48	2052A	24	2568	66
386K	46	971D	36	1622A	48	2091V	46	2583	66
441E	53	971F	36	1622D	48	2091W	46	2584	66
441M	53	972A	36	1623A	48	2092A	46	2611	62
443J	53	983A	41	1631E	46	2093A	46	2612	62
443K	53	983D	41	1631M	46	2101V	49	2615	62
451E	53	984A	41	1631W	46	2101W	49	2616	62
451M	53	984D	41	1661V	23	2102A	49	2617	65
454J	53	1041M	54	1661W	23	2102D	49	2618	65
454K	53	1041W	54	1691M	23	2103A	49	2621	66
455J	53	1042A	54	1691V	42	2133A	13	2622	66
463L	53	1042D	54	1691W	42	2154J	45	2632	64
464L	53	1043A	54	1711M	42	2154K	45	2633	64
465L	53	1043D	54	1711V	42	2155J	45	2635	65
521M	51	1044A	54	1711W	42	2155K	45	2636	65
521W	51	1073A	35	1721M	42	2161V	15	2637	65
523D	51	1073D	35	1721W	42	2161W	15	2638	63
524A	51	1074A	35	1741D	50	2191V	21	2639	62
524D	51	1074D	35	1741V	50	2191W	21	2640	62
525A	51	1161D	37	1741W	50	2201X	72	2641	63
531E	51	1161F	37	1742A	50	2214X	77	2642	63
531M	51	1161M	37	1742D	50	2215X	77	2643	64
534J	51	1161W	37	1743A	50	2271V	38	2643D	12
534K	51	1162A	37	1752A	19	2271W	38	2643F	12
535J	51	1221E	39	1752D	19	2281M	38	2646D	12
535K	51	1221M	39	1753A	19	2281V	38	2644	64
541E	51	1221W	39	1761P	71	2281W	38	2645	63
545K	51	1301E	52	1761Z	71	2311M	21	2646	63
546K	51	1304J	52	1801E	40	2311W	21	2652A	12
571J	55	1304K	52	1801M	40	2342A	41	2652D	12
571K	55	1305J	52	1801W	40	2342D	41	2662A	12
571W	55	1305K	52	1821E	49	2343A	41	2662D	12

Index

FIXTURE NO.	CAT. PAGE	FIXTURE NO.	CAT. PAGE	FIXTURE NO.	CAT. PAGE	FIXTURE NO.	CAT. PAGE	FIXTURE NO.	CAT. PAGE
2664A	12	2892L	70	3376L	49	3701M	22	4172A	54
2664D	12	2893L	70	3382A	53	3711J	31	4172D	54
2681V	25	2894L	70	3382D	53	3711K	31	4173A	54
2681W	25	2895L	70	3383A	53	3723A	29	4173D	54
2691V	25	2904J	50	3392D	53	3723D	29	4183D	56
2691W	25	2904K	50	3393A	53	3724A	29	4184D	56
2725L	48	2905J	50	3393D	53	3724D	29	4194J	56
2726L	48	2905K	50	3394A	53	3743A	13	4194K	56
2727L	48	3011M	35	3413L	45	3743D	13	4195J	56
2731M	48	3011W	35	3414L	45	3753D	69	4195K	56
2731W	48	3013A	35	3415L	45	3753F	69	4204J	56
2732D	48	3013D	35	3416L	45	3756D	69	4204K	56
2733A	48	3014A	35	3422A	45	3761P	69	4205J	56
2733D	48	3014D	35	3422D	45	3761Z	69	4205K	56
2734A	48	3083A	32	3423A	45	3781P	71	4213D	56
2753A	29	3083D	32	3432D	45	3781Z	71	4214A	56
2753D	29	3084A	32	3433D	45	3802A	24	4214D	56
2754A	29	3084D	32	3434D	45	3802D	24	4222A	11
2754D	29	3111M	35	3442A	47	3803A	24	4222D	11
2762A	34	3111W	35	3442D	47	3803D	24	4223A	11
2762D	34	3121V	22	3443A	47	3811M	21	4232A	11
2763A	34	3121W	22	3443D	47	3823L	54	4232D	11
2782A	30	3181V	21	3453A	14	3824K	54	4233A	11
2782D	30	3181W	21	3453D	14	3825K	54	4242A	12
2783A	30	3192A	18	3462A	33	3832L	11	4242D	12
2783D	30	3192D	18	3462D	33	3833L	11	4252A	12
2784A	30	3193A	18	3463A	33	3853A	54	4252D	12
2802	61	3232A	32	3473A	33	3853D	54	4254A	12
2803	61	3232D	32	3473D	33	3863D	11	4254D	12
2805	66	3233A	32	3474A	33	4021M	23	4262A	14
2806	65	3233D	32	3474D	33	4021W	23	4262D	14
2811V	21	3234A	32	3502A	47	4031M	23	4264A	14
2811W	21	3242A	46	3502D	47	4052A	29	4264D	14
2814	61	3242D	46	3503A	47	4052D	29	4273F	14
2823	61	3243A	46	3512D	47	4053A	29	4273L	14
2823D	14	3253A	46	3513A	47	4053D	29	4276F	14
2823F	14	3253D	46	3513D	47	4054A	29	4276L	14
2826	60	3254A	46	3514A	47	4073P	70	4282A	15
2826D	14	3254D	46	3533A	17	4073Z	70	4282D	15
2831	60	3262A	17	3533D	17	4083A	31	4283A	15
2832	60	3262D	17	3543A	15	4083D	31	4291M	17
2835	62	3263A	17	3543D	15	4084A	31	4291W	17
2837	63	3303F	12	3553A	18	4084D	31	4292A	17
2838	66	3303L	12	3553D	18	4092A	32	4293A	17
2840	64	3303Y	12	3563A	19	4092D	32	4302A	18
2842A	13	3306D	12	3563D	19	4093A	32	4302D	18
2842D	13	3306F	12	3571M	22	4093D	32	4303A	18
2843	66	3306L	12	3571W	22	4094A	32	4311V	20
2843A	13	3313A	30	3581M	22	4102D	33	4311W	20
2851J	70	3313D	30	3581W	22	4103A	33	4321V	20
2851K	70	3314A	30	3591E	22	4103D	33	4321W	20
2853	61	3314D	30	3591M	22	4111M	34	4331M	22
2854	61	3321M	36	3611V	20	4111W	34	4341V	25
2855	61	3321V	36	3611W	20	4121M	41	4341W	25
2856	61	3321W	36	3621V	25	4121W	41	4351V	25
2857	62	3353A	31	3621W	25	4133L	47	4351W	25
2858	65	3353D	31	3631V	19	4134L	47	4361V	25
2862	64	3354A	31	3631W	19	4135L	47	4361W	25
2863	64	3354D	31	3673A	40	4136L	47	8195	71
2864	65	3361M	49	3673D	40	4142D	49	8196	71
2865	62	3361W	49	3674A	40	4143D	49	8197	71
2866	63	3362D	49	3674D	40	4144D	49	8198	71
2867	63	3363D	49	3681V	37	4153L	48	10167	7
2874	60	3364D	49	3681W	37	4154L	48	10195	7
2875	60	3371E	49	3693A	30	4155L	48	10196	7
2881L	70	3373L	49	3693D	30	4162D	50		
2883K	70	3374L	49	3694A	30	4163D	50		
2884K	70	3375L	49	3694D	30	4164D	50		

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